



Product Portfolio

# INDECO INSIDE DEVICE CONNECTIVITY

04 | 2026

EVERY CONNECTION COUNTS



**InDeCo**  
— Inside Device Connectivity —

# PRODUCT SEARCH DASHBOARD

## APPLICATION



INVERTER



ONBOARD CHARGER



INFOTAINMENT / HPC



RADAR / LIDAR



LIGHTING



BATTERY



X IN 1

## CATEGORY



## CENTERLINE PITCH

0.4 - 1.8 mm

2.0 - 6.2 mm

OTHERS

BOARD TO BUSBAR

PCB TERMINALS

POWER ELEMENTS



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# INVERTER – RECOMMENDED PRODUCTS

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Full LV214 Qualification 
 Partial LV214 / USCAR 2 Qualification 
 No AUT certification → use in BlackBox 
 NPI – In Development 
 Data Rate (Gbit/S)

TYPE	PITCH	0.50	1.00	1.27	1.80	2.00	2.54
Board to Board		 Floating Connector  16 	 AMP MODU Small Centerline 	 ERNI SMC Connector  3		 AMPMODU Interconnect System 	
Wire to Board				 PicoMQS Connector 	 NanoMQS Connector 	 Dynamic 1000 Series Connector 	 ERNI MaxiBridge Connector 
Flex to Board				 ERNI SMC Connector  3			
Wire to Wire					 NanoMQS Connector 		 MQS Connector 

# OBC – RECOMMENDED PRODUCTS

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Full LV214 Qualification 
 Partial LV214 / USCAR 2 Qualification 
 No AUT certification → use in BlackBox 
 NPI – In Development 
 Data Rate (Gbit/S)

TYPE	PITCH	0.50	1.00	1.27	1.80	2.00	2.54
Board to Board		 Floating Connector  16 	 AMP MODU Small Centerline 	 ERNI SMC Connector  3		 AMPMODU Interconnect System 	
Wire to Board				 PicoMQS Connector 	 NanoMQS Connector 	 Dynamic 1000 Series Connector 	 ERNI MaxiBridge Connector 
Flex to Board		 FPC ZIF Connector 	 FPC ZIF Connector 	 ERNI SMC Connector  3			
Wire to Wire					 NanoMQS Connector 		 MQS Connector 
Power Terminals		 1.5mm 	 2.8mm 	 6.3mm 	 6.3mm 	 9.5mm 	

# HPC/INFOTAINMENT – RECOMMENDED PRODUCTS

[CLICK ON THE IMAGE TO LEARN MORE!](#)

Full LV214 Qualification 
 Partial LV214 / USCAR 2 Qualification 
 No AUT certification → use in BlackBox 
 NPI – In Development 
 Data Rate (Gbit/S)

TYPE	PITCH	0.50	1.00	1.27	1.80	2.00	2.54
Board to Board		 Floating Connector  16 		 ERNI SMC Connector  3			
Wire to Board				 ERNI MicroBridge Connector 		 Signal Grace Inertia 	 ERNI MaxiBridge Connector 
Flex to Board		 FPC ZIF Connector 	 FPC ZIF Connector 	 ERNI MicroBridge Flexfoil Connector  3			
Wire to Wire							

# RADAR/LIDAR – RECOMMENDED PRODUCTS

[CLICK ON THE IMAGE TO LEARN MORE!](#)

Full LV214 Qualification 
 Partial LV214 / USCAR 2 Qualification 
 No AUT certification → use in BlackBox 
 NPI – In Development 
 Data Rate (Gbit/S)

TYPE	PITCH	0.50	1.00	1.27	1.80	2.00	2.54
Board to Board		 Floating Connector 16					
Wire to Board						 Signal Grace Inertia 	
Flex to Board		 FPC ZIF Connector 	 FPC ZIF Connector 				
Wire to Wire							

# BATTERY SYSTEM – RECOMMENDED PRODUCTS

[CLICK ON THE IMAGE TO LEARN MORE!](#)

Full LV214 Qualification 
 Partial LV214 / USCAR 2 Qualification 
 No AUT certification → use in BlackBox 
 NPI – In Development 
 Data Rate (Gbit/S)

TYPE	PITCH	0.50	1.00	1.27	1.80	2.00	2.54
Board to Board							
Wire to Board				 PicoMQS Connector	 NanoMQS Connector	 Dynamic 1000 Series Connector	 ERNI MaxiBridge Connector
Flex to Board		 FPC ZIF Connector	 FPC ZIF Connector	 ERNI MicroBridge Flexfoil Connector			
Wire to Wire							

# LIGHTING – RECOMMENDED PRODUCTS

**CLICK ON THE IMAGE TO LEARN MORE!**

Full LV214 Qualification 
 Partial LV214 / USCAR 2 Qualification 
 No AUT certification → use in BlackBox 
 NPI – In Development 
 Data Rate (Gbit/S)

TYPE	PITCH	0.50	1.00	1.25	1.80	2.00	2.5
Board to Board							
Wire to Board				 Signal Grace Inertia	 Signal Grace Inertia	 Signal Grace Inertia	 RAST
Flex to Board							
Wire to Wire							

# X IN 1 – RECOMMENDED PRODUCTS

[CLICK ON THE IMAGE TO LEARN MORE!](#)

Full LV214 Qualification 
 Partial LV214 / USCAR 2 Qualification 
 No AUT certification → use in BlackBox 
 NPI – In Development 
 Data Rate (Gbit/S)

TYPE	PITCH	0.50	1.00	1.27	1.80	2.00	2.54
Board to Board		 Floating Connector  16 	 AMP MODU Small Centerline 	 ERNI SMC Connector  3		 AMPMODU Interconnect System 	
					 PicoMQS Connector 	 NanoMQS Connector 	 Dynamic 1000 Series Connector 
Flex to Board		 FPC ZIF Connector 	 FPC ZIF Connector 	 ERNI SMC Connector  3			
		 Passthrough 					

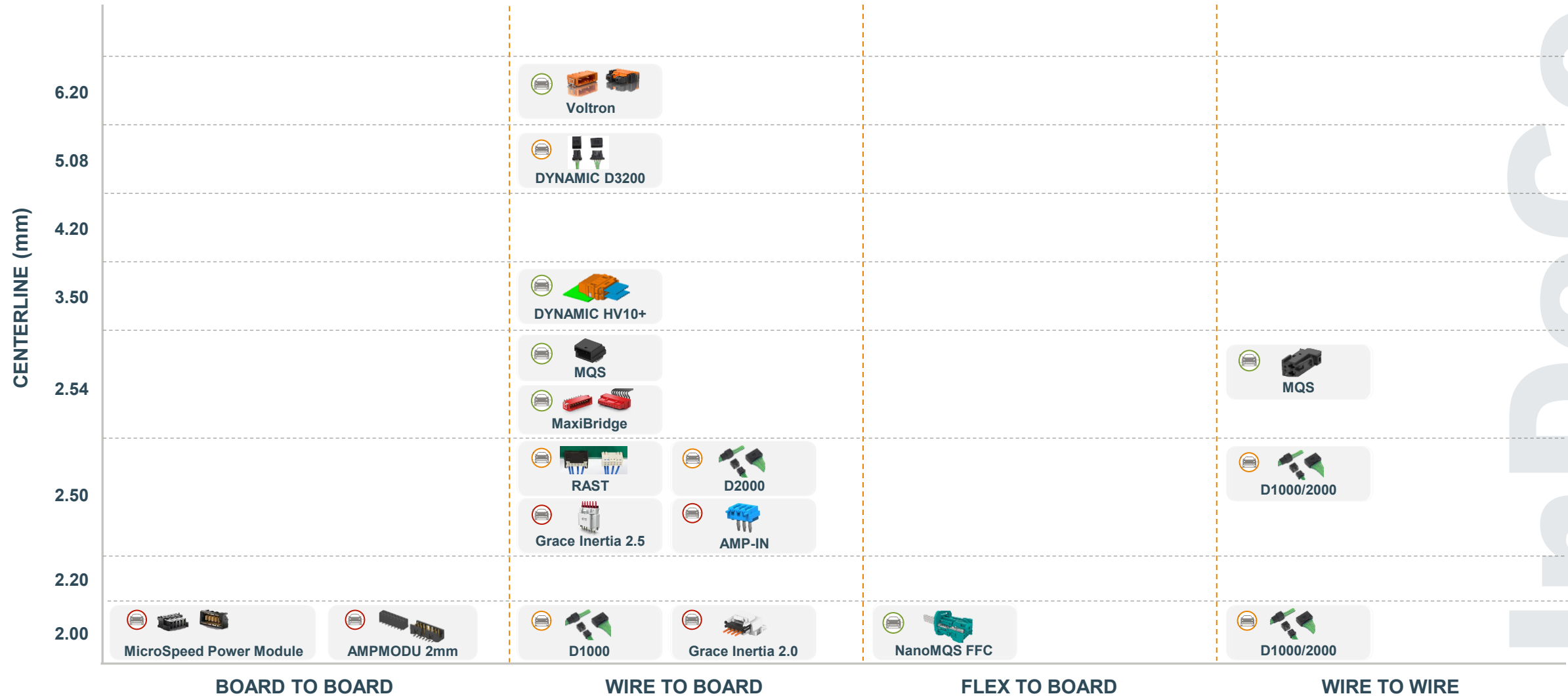
Full LV214 Qualification 
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 No AUT certification → use in BlackBox 
 NPI – In Development 
 Data Rate (Gbit/S)

CLICK ON THE IMAGE TO LEARN MORE!



Full LV214 Qualification 
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 No AUT certification → use in BlackBox 
 NPI – In Development 
 Data Rate (Gbit/S)

CLICK ON THE IMAGE TO LEARN MORE!



# BOARD TO BOARD PORTFOLIO

CLICK ON THE IMAGE TO LEARN MORE!

Full LV214 Qualification 
 Partial LV214 / USCAR 2 Qualification 
 No AUT certification → use in BlackBox 
 NPI – In Development 
 Data Rate (Gbit/S)

CENTER LINE (mm)						
0.4	0.5	0.6	0.8	1.0	1.27	2.0
<p>Fine Pitch</p>	<p>Floating Connector</p>	<p>Micro-Stack</p>	<p>MicroCon</p>	<p>MicroSpeed</p>	<p>SMC</p>	<p>AMPMODU 2mm</p>
			<p>Floating Connector</p>	<p>AMPMODU SCL</p>	<p>MiniBridge</p>	<p>MicroSpeed Power Module</p>
					<p>AMPModu 50/50</p>	
					<p>AMPMODU System 50</p>	
					<p>Micro-MaTch</p>	

# WIRE TO BOARD PORTFOLIO

[CLICK ON THE IMAGE TO LEARN MORE!](#)

Full LV214 Qualification 
 Partial LV214 / USCAR 2 Qualification 
 No AUT certification → use in BlackBox 
 NPI – In Development 
 Data Rate (Gbit/S)

Low Voltage		CENTER LINE (mm)					
0.4	0.5	0.6	0.8	1.0	1.27	2.0	
<p>HPI Connector</p>	<p>Signal Grace Inertia</p>	<p>PicoMQS</p>	<p>Signal Grace Inertia</p>	<p>NanoMQS</p>	<p>Signal Grace Inertia</p>	<p>Signal Grace Inertia</p>	<p>MQS</p>
		<p>MicroBridge</p>		<p>Dynamic Mini</p>	<p>Dynamic 1000</p>	<p>RAST</p>	<p>MaxiBridge</p>
		<p>MiniBridge</p>			<p>AMP-In</p>	<p>AMP-In</p>	
<b>High Voltage</b>		<b>CENTER LINE (mm)</b>					
<b>3.50</b>		<b>5.08</b>		<b>6.20</b>			
<p>DYNAMIC HV10+</p>	<p>DYNAMIC D3200</p>	<p>Voltron</p>				<p>Dynamic 2000</p>	

# FLEX TO BOARD PORTFOLIO

CLICK ON THE IMAGE TO LEARN MORE!

Full LV214 Qualification 
 Partial LV214 / USCAR 2 Qualification 
 No AUT certification → use in BlackBox 
 NPI – In Development 
 Data Rate (Gbit/S)

CENTER LINE (mm)					
0.4	0.5	0.8	1.0	1.27	1.80 (2.00)
<p>Fine Pitch</p>	<p>Zif</p>	<p>MicroCon</p> 3	<p>FPC Connector</p>	<p>MicroBridge</p>	<p>NanoMQS</p>
				<p>SMC</p> 3	
				<p>Micro-MaTch</p>	
				<p>MiniBridge</p>	

# WIRE TO WIRE PORTFOLIO

**CLICK ON THE IMAGE TO LEARN MORE!**



Full LV214 Qualification



Partial LV214 / USCAR 2 Qualification



No AUT certification → use in BlackBox



NPI – In Development



Data Rate (Gbit/S)

CENTER LINE (mm)				
1.27	1.8	2.5	2.54	3.00
 <p>MiniBridge®</p>	 <p>NanoMQS</p>	 <p>Dynamic D1000/D2000</p>	 <p>MQS</p>	 <p>Micro Mate-N-Lok</p>



Full LV214 Qualification



Partial LV214 / USCAR 2 Qualification








No AUT certification → use in BlackBox



NPI – In Development



Data Rate (Gbit/S)

MATING TAB SIZE (mm)				
1.5	2.8	6.3/4.8	6.3	9.5
				

## Performance Specification & Standards



### PRODUCT RATING

- Current Rating: **7.5A**
- Temperature Rating: **-40° C to +120° C**
- Mating tab width:

### SPECIFICATION

- Product spec: [108-18030](#)
- Part Number: [1670208-2](#)

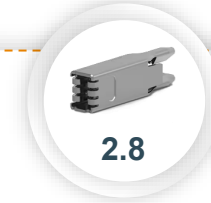


### PRODUCT RATING

- Current Rating: **20-40A**
- Temperature Rating: **-55° C to +105° C**
- Mating tab width: 6.3

### SPECIFICATION

- Product spec: [108-1067](#)
- Part Number: [1-188685-2](#)



2.8



4.8/6.3










9.5

### PRODUCT RATING






- Current Rating: **20 – 100 A**
- Temperature Rating: **-40° C to +130° C**
- Mating tab Width: 9.5, 6.3, 4.8, 2.8mm





### SPECIFICATION

- Product spec: [108-94129](#)
- Part Number: [1719101-1](#) (9.5)  
[1719102-1](#) (6.3/4.8)  
[1-1719103-1](#) (2.8)

POWER ELEMENTS										
PRESSFIT TECHNOLOGY						SMD-SOLDER TECHNOLOGY				
Number of pins	6	8	9	10	12	16	20	25	36	49
 Male thread, full pin population			M3, M5			M4, M5		M6, M8		
 Female thread, full pin population			M3			M4, M5, M6		M8	M10	
 Female thread, two rows pin population	M3	M4, M5, M6								
 Female thread, circular pin population					M4, M5	M6				
 Angled, full pin population			M3			M4, M5		M6, M8		
 Angled, two rows pin population	M3	M4, M5		M6, M8						
 Protection for PowerElements with male thread	Suitable for M3, M4, M5, M6, M8, M10									

Diameter	7	9	10	13
 SMD pin	M3	M4, M5		M6, M8
 SMD pin with spigot	M3	M4, M5		M6, M8
 SMD socket	M3	M4, M5		M6, M8
 SMD socket with spigot	M3	M4, M5	M6	M8
 SMD socket with through-hole thread	M3	M4, M5		M6

POWER TAPS (NUMBER OF PINS)			
6 (Solder version)	6 (Pressfit version)	10 (Solder version)	10 (Pressfit version)
			



Full LV214 Qualification



Partial LV214 / USCAR 2 Qualification



No AUT certification → use in BlackBox



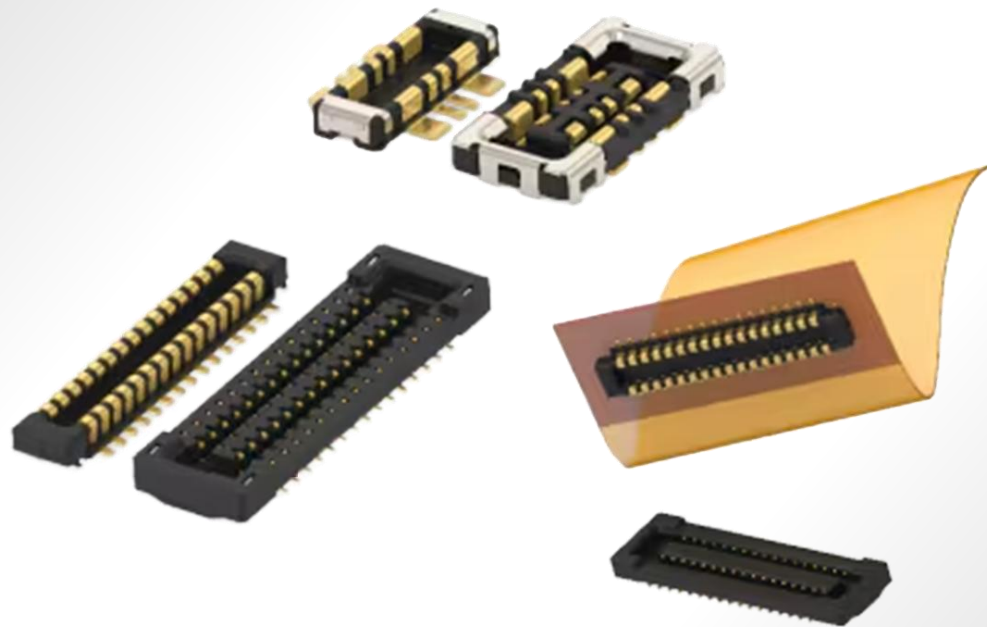
NPI – In Development



Data Rate (Gbit/S)



## PRODUCT OVERVIEW



## PERFORMANCE SPECIFICATION & STANDARDS

### PRODUCT RATING:

- **Voltage Rating:** 30 - 60V
- **Current Rating:** 0.3 – 0.5A
- **Temperature Rating:** -40°C to +85°C

### PRODUCT CONFIGURATION:

- **Pitch:** 0.4mm
- **Position:** 8-40
- **Configuration:** Vertical (180°)

### KEY FEATURES:

- **Reliable mating:** A multiple-point contact system creates firm mating
- **Low profile and small dimension** allow space and cost savings on PCB
- **Support board to FPC** for the applications having limited internal space

### SPECIFICATION:

- **Product spec:** [108-115166](#), [108-78916](#)
- **Catalogue:** [Fine pitch](#)

### APPLICATION:

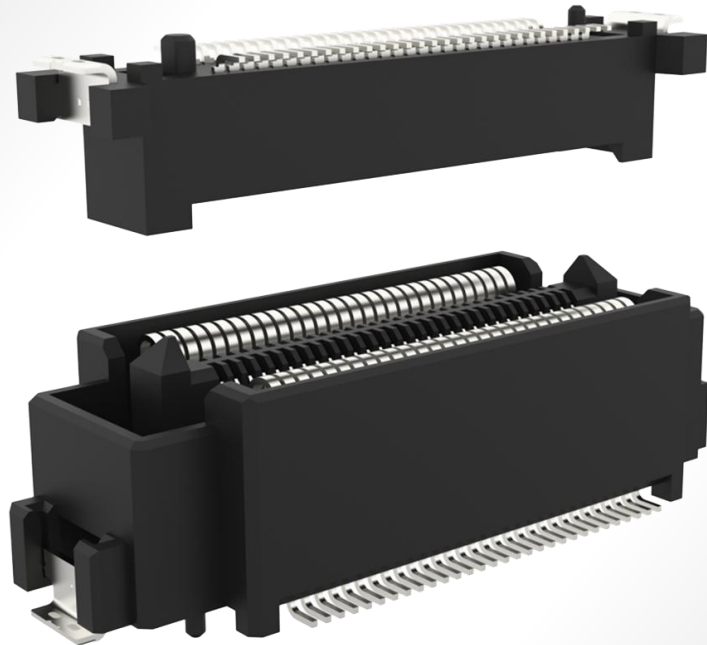
- Navigation devices, Car drive video Record, Autonomous

# FLOATING CONNECTOR

 Full LV214 Qualification
  Partial LV214 / USCAR 2 Qualification
  No AUT certification → use in BlackBox
  NPI – In Development
  Data Rate (Gbit/S)



## PRODUCT OVERVIEW



## PERFORMANCE SPECIFICATION & STANDARDS

### PRODUCT RATING:

- **Voltage Rating:** 50V
- **Current Rating:** Signal 0.5A, Power 5A
- **Temperature Rating:** 40°C to +125°C

### PRODUCT CONFIGURATION:

- **Pitch:** 0.5mm
- **Position:** Signal 20-120, Power 4
- **Configuration:** Vertical (180°) / Horizontal (90°)
- **Stack Heights:** 8-35mm
- **Mounting:** SMT

### KEY FEATURES:

- **DATA:** PCIe 4.0 (16 Gbit/s)
- **FLOATING:** X, Y: +/- 0.8mm; Z: 1.0mm

### SPECIFICATION:

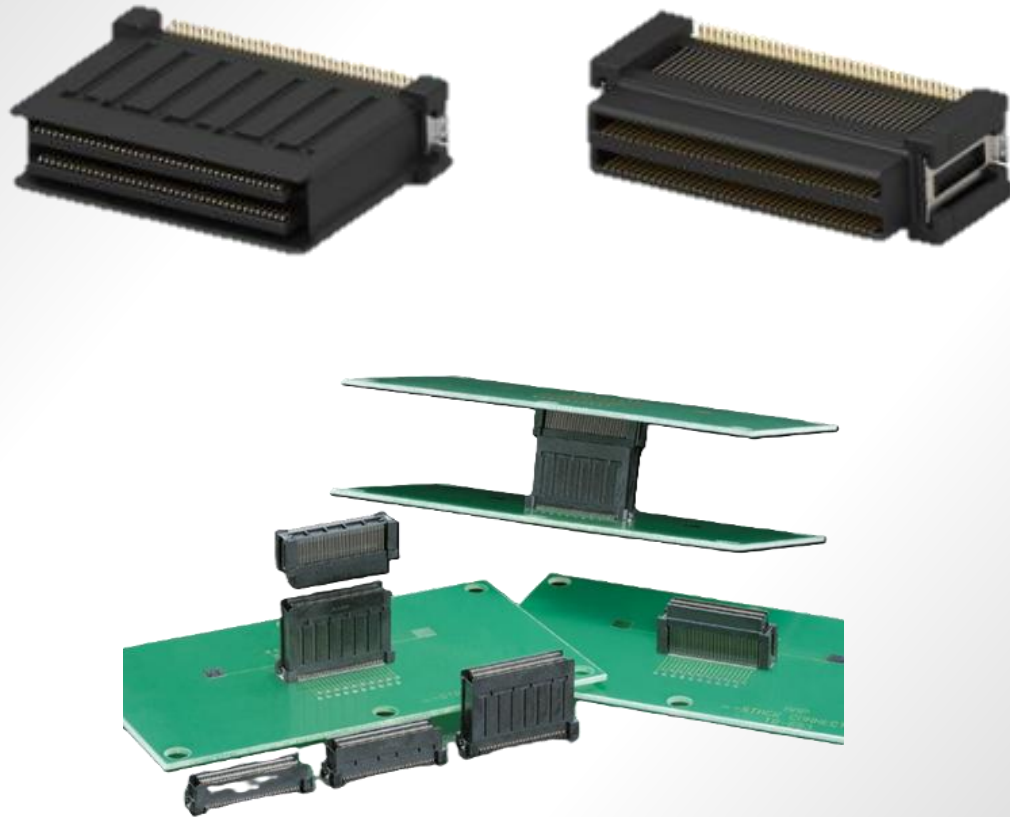
- **Product:** TBD

### APPLICATION:

- Inverter, Onboard charger, HPC



## PRODUCT OVERVIEW



## PERFORMANCE SPECIFICATION & STANDARDS

### PRODUCT RATING:

- **Voltage Rating:** 10V
- **Current Rating:** 0.5A
- **Temperature Rating:** -55°C to +85°C

### PRODUCT CONFIGURATION:

- **Pitch:** 0.6mm
- **Position:** 80
- **Configuration:** Vertical (180°)

### KEY FEATURES:

- +/-0.3mm floating in the parallel direction to PCB

### SPECIFICATION:

- **Product:** [108-5724](#)
- **Catalogue:** [Micro-Stack](#)

### APPLICATION:

- Inverter, Onboard charger



Full LV214 Qualification



Partial LV214 / USCAR 2 Qualification



No AUT certification → use in BlackBox



NPI – In Development



Data Rate (Gbit/S)



3

## PRODUCT OVERVIEW



## PERFORMANCE SPECIFICATION & STANDARDS

### PRODUCT RATING:

- **Voltage Rating:** 10V
- **Current Rating:** up to 2.3A (@20°C)
- **Temperature Rating:** -55°C to +125°C

### PRODUCT CONFIGURATION:

- **Pitch:** 0.8mm
- **Position:** 12-100
- **Configuration:** Vertical (180°) / Horizontal (90°)
- **Stack Heights:** 5 - 19mm

### KEY FEATURES:

- **Data:** up to 3 Gbit/s

### SPECIFICATION:

- **Product:** [MicroCon\\_2404](#)
- **Catalogue:** [MicroCon Connectors](#)

### APPLICATION:

- Inverter, Onboard charger

# FLOATING CONNECTOR



Full LV214 Qualification



Partial LV214 / USCAR 2 Qualification



No AUT certification → use in BlackBox



NPI – In Development

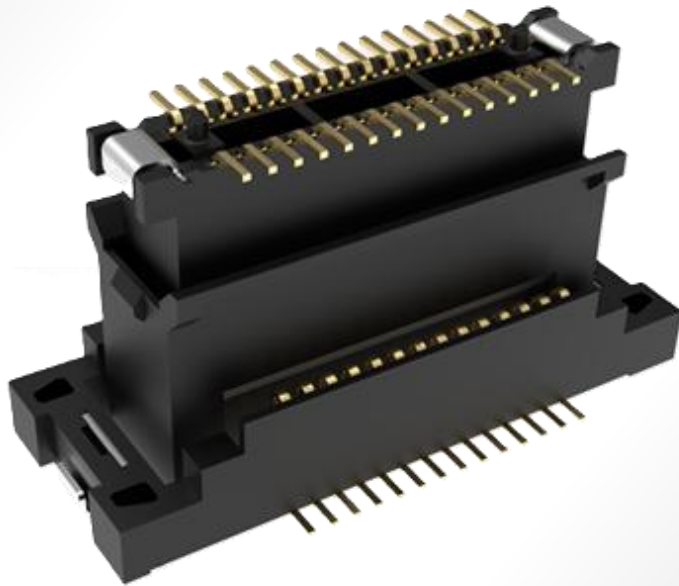


Data Rate (Gbit/S)



2.5

## PRODUCT OVERVIEW



## PERFORMANCE SPECIFICATION & STANDARDS

### PRODUCT RATING:

- **Voltage Rating:** 50V
- **Current Rating:** Signal 0.5A
- **Temperature Rating:** -40°C to +105°C

### PRODUCT CONFIGURATION:

- **Pitch:** 0.8mm
- **Position:** Signal 30, 40, 50, 60, 70, 80, 100.
- **Configuration:** Vertical (180°), Horizontal (90°)
- **Stack Heights:** 6.25 – 24.7mm
- **Mounting:** SMT

### KEY FEATURES:

- **Data:** 2.5 Gbit/s)
- **Floating:** X, Y: +/- 0.6mm Z: 0.5mm

### SPECIFICATION:

- **Product spec:** [108-161428](#)

### APPLICATION:

- Inverter, Onboard charger



Full LV214 Qualification



Partial LV214 / USCAR 2 Qualification



No AUT certification → use in BlackBox



NPI – In Development



Data Rate (Gbit/S)



2.5

## PRODUCT OVERVIEW



## PERFORMANCE SPECIFICATION & STANDARDS

### PRODUCT RATING:

- **Current Rating:** 1.0A @20° C
- **Temperature Rating:** -55°C to +125°C

### PRODUCT CONFIGURATION:

- **Pitch:** 1.0mm
- **Position:** 26, 26, 32, 44, 50, 75, 91, 133
- **Configuration:** Vertical (180°)
- **Stack Heights:** 5 - 20mm
- **Mounting:** SMT

### KEY FEATURES:

- **Data:** 25Gbps
- **Shielding:** Yes

### SPECIFICATION:

- **Catalogue:** [MicroSpeed](#)

### APPLICATION:

- Inverter, Onboard charger

# MICROSPEED POWER MODULE



Full LV214 Qualification



Partial LV214 / USCAR 2 Qualification



No AUT certification → use in BlackBox



NPI – In Development



Data Rate (Gbit/S)

## PRODUCT OVERVIEW



## PERFORMANCE SPECIFICATION & STANDARDS

### PRODUCT RATING:

- **Current Rating:** up to 18A
- **Temperature Rating:** -55°C to +125°C

### PRODUCT CONFIGURATION:

- **Pitch:** 1.0mm
- **Position:** 5
- **Configuration:** Vertical (180°)
- **Stack Heights:** 5 - 20mm
- **Mounting:** SMT

### KEY FEATURES:

- Blind mate design






### SPECIFICATION:

- **Catalogue:** [MicroSpeed Power](#)

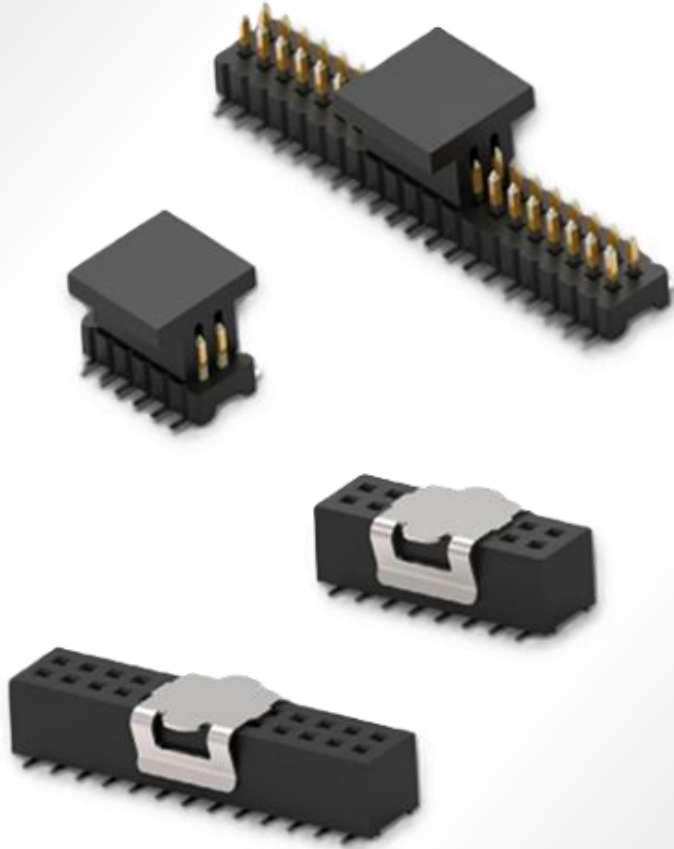
### APPLICATION:

- Inverter, Onboard charger

# AMPMODU SMALL CENTRELINE

 Full LV214 Qualification
  Partial LV214 / USCAR 2 Qualification
  No AUT certification → use in BlackBox
  NPI – In Development
  Data Rate (Gbit/S)

## PRODUCT OVERVIEW



## PERFORMANCE SPECIFICATION & STANDARDS

### PRODUCT RATING:

- **Voltage Rating:** 30VAC
- **Current Rating:** 1.0A
- **Temperature Rating:** -55°C to +125°C

### PRODUCT CONFIGURATION:

- **Pitch:** 1.0mm
- **Position:** 2-100
- **Configuration:** Vertical (180°)
- **Mounting:** SMT

### KEY FEATURES:

- Dual beam contact design & Re-flow capable up to 260°C

### SPECIFICATION:

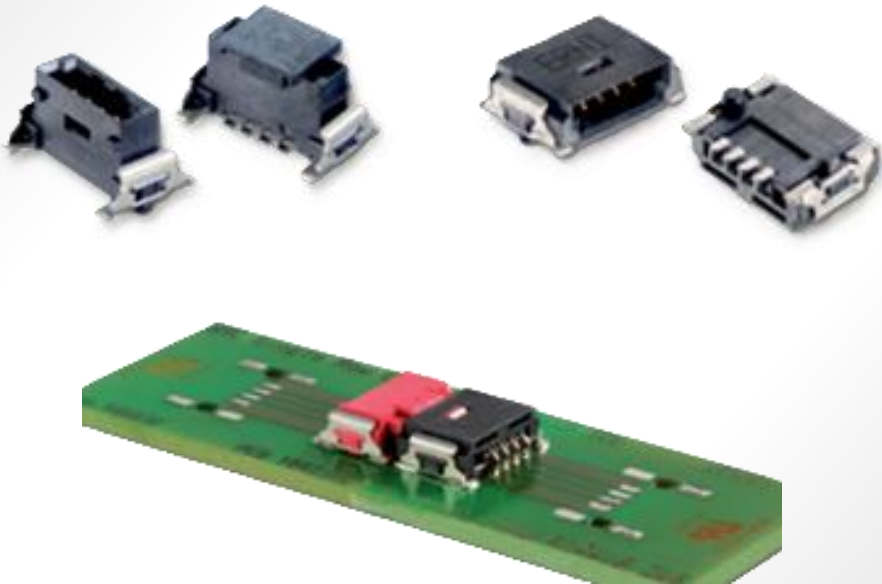
- **Product spec:** [108-32154](#)
- **Catalogue:** [AMPMODU Small Centerline](#)

### APPLICATION:

- Inverter, Onboard charger



## PRODUCT OVERVIEW



## PERFORMANCE SPECIFICATION & STANDARDS

### PRODUCT RATING:

- **Current Rating:** up to 8A
- **Temperature Rating:** -55°C to +125°C

### PRODUCT CONFIGURATION:

- **Pitch:** 1.27mm
- **Position:** 2,3,4,6,8,10,12
- **Configuration:** Vertical (180°) / Horizontal (90°)
- **Mounting:** SMT

### KEY FEATURES:

- Mating Advantages Koshiri Variant

### SPECIFICATION:

- **Catalogue:** [MiniBridge Connectors](#)

### APPLICATION:

- Inverter, Onboard charger



3

## PRODUCT OVERVIEW



## PERFORMANCE SPECIFICATION & STANDARDS

### PRODUCT RATING:

- **Current Rating:** 1.7A (up to 2.7A)
- **Temperature Rating:** -55°C to +125°C

### PRODUCT CONFIGURATION:

- **Pitch:** 1.27mm
- **Position:** 12, 16, 20, 26, 32, 40, 50, 68, 80
- **Configuration:** Vertical (180°) / Horizontal (90°)
- **Stack Heights:** 8 - 20mm (with jumper up to 40mm)
- **Mounting:** SMT

### KEY FEATURES:

- **Data:** up to 3 Gbit/s

### SPECIFICATION:

- **Product spec:** [108-160992](#)
- **Catalogue:** [SMC Connectors](#)

### APPLICATION:

- Inverter, Onboard charger, BMS



Full LV214 Qualification



Partial LV214 / USCAR 2 Qualification



No AUT certification → use in BlackBox



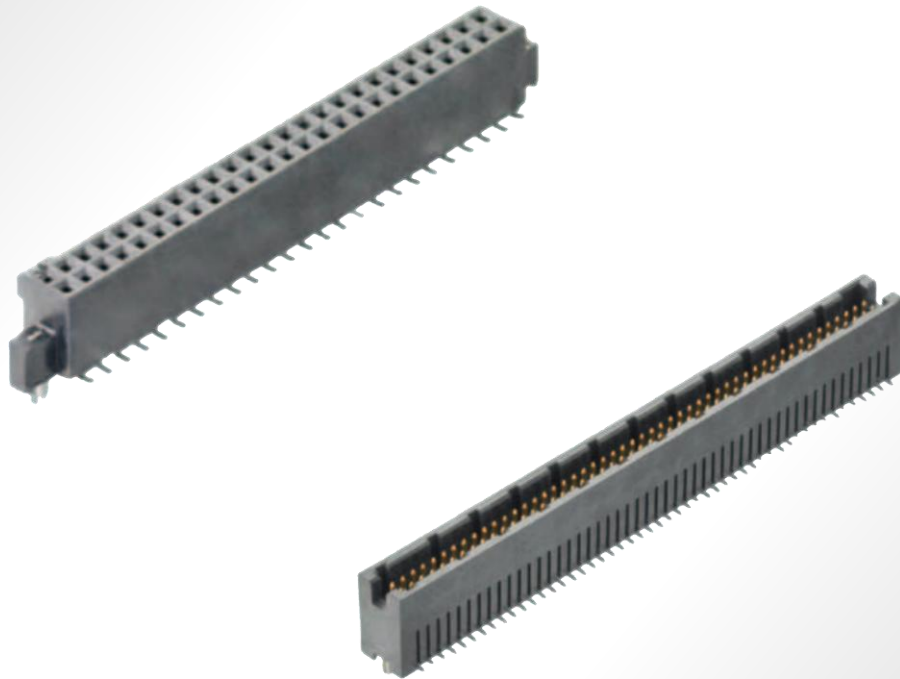
NPI – In Development



Data Rate (Gbit/S)



## PRODUCT OVERVIEW



## PERFORMANCE SPECIFICATION & STANDARDS

### PRODUCT RATING:

- **Voltage Rating:** 30VAC
- **Current Rating:** 0.5A
- **Temperature Rating:** -65°C to +105°C

### PRODUCT CONFIGURATION:

- **Pitch:** 1.27mm
- **Position:** 10 - 100
- **Configuration:** Vertical (180°) / Horizontal (90°)
- **Stack Heights:** 6.35mm, 8.13mm, 9.91mm
- **Mounting:** SMT

### KEY FEATURES:

- Integral latches for positive locking to shrouded mating headers






### SPECIFICATION:

- **Product spec:** [108-1332](#) , [108-1443](#)
- **Catalogue:** [AMPMODU 50/50](#)

### APPLICATION:

- Inverter, Onboard charger

# AMPMODU SYSTEM 50

 Full LV214 Qualification
  Partial LV214 / USCAR 2 Qualification
  No AUT certification → use in BlackBox
  NPI – In Development
  Data Rate (Gbit/S)



## PRODUCT OVERVIEW



## PERFORMANCE SPECIFICATION & STANDARDS

### PRODUCT RATING:

- **Voltage Rating:** 30VAC
- **Current Rating:** 3.0 A @ 75°C
- **Temperature Rating:** -65°C to +105°C

### PRODUCT CONFIGURATION:

- **Pitch:** 1.27mm
- **Position:** 4 - 100
- **Configuration:** Vertical (180°) / Horizontal (90°)
- **Stack Heights:**
- **Mounting:** SMT, THT

### KEY FEATURES:

- Integral latches for positive locking to shrouded mating headers

### SPECIFICATION:

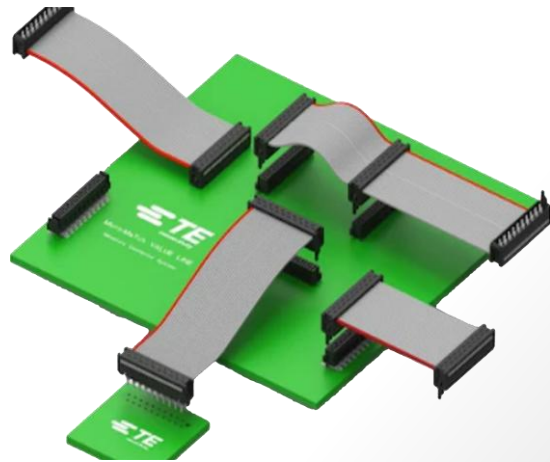
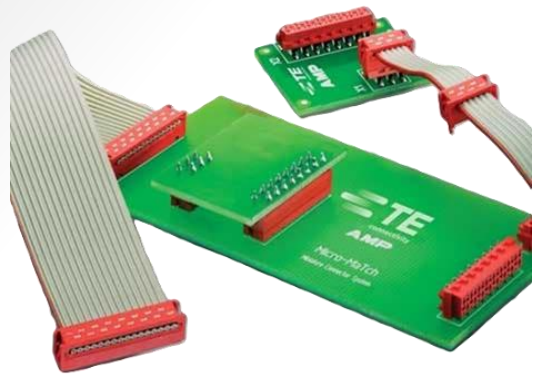
- **Product spec:** [108-1093](#)
- **Catalogue:** [AMPMODU System 50, Ref Guide](#)

### APPLICATION:

- Inverter, Onboard charger



## PRODUCT OVERVIEW



## PERFORMANCE SPECIFICATION & STANDARDS

### PRODUCT RATING:

- **Voltage Rating:** 100V (AC/DC)
- **Current Rating:** up to 1.5A
- **Temperature Rating:** -40°C to +105°C

### PRODUCT CONFIGURATION:

- **Pitch:** 1.27mm
- **Position:** 2-20
- **Configuration:** Vertical (180°) / Horizontal (90°)
- **Cable Types:** Ribbon Cable; Discrete Wire AWG 26-28
- **Connection:** SMT & dual IDC incl.

### KEY FEATURES:

- Fretting corrosion resistant

### SPECIFICATION:

- **Product spec:** [108-19052](#)
- **Ref. Guide:** [MicroMaTch](#) , [Ref-guide](#) (Value-Line)

### APPLICATION:

- Inverter, Onboard charger



Full LV214 Qualification



Partial LV214 / USCAR 2 Qualification



No AUT certification → use in BlackBox



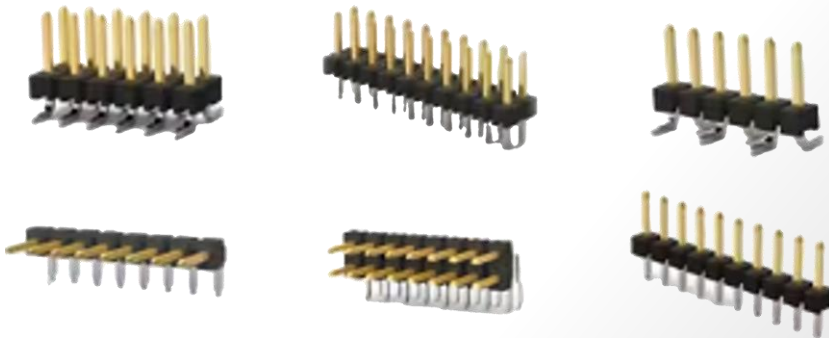
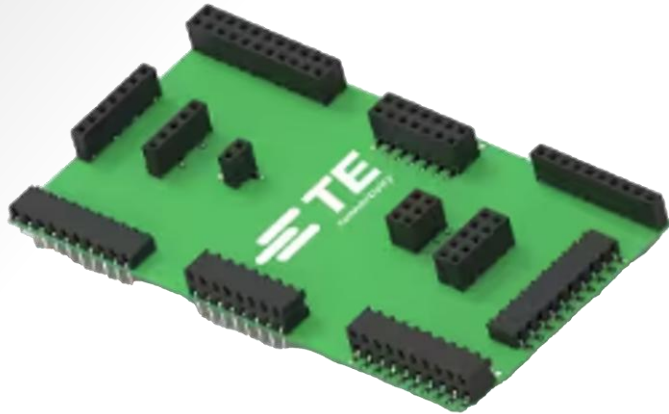
NPI – In Development



Data Rate (Gbit/S)



## PRODUCT OVERVIEW



## PERFORMANCE SPECIFICATION & STANDARDS

### PRODUCT RATING:

- **Voltage Rating:** 125V
- **Current Rating:** 2A
- **Temperature Rating:** -40°C to +125°C ( Au Plated)

### PRODUCT CONFIGURATION:

- **Pitch:** 2mm
- **Position:** 2 to 50
- **Configuration:** Vertical (180°) / Horizontal (90°)
- **Cable Types:** Crimp contacts: AWG 30 – 24, IDC: AWG 30 – 26
- **Termination:** SMT & dual IDC incl.

### KEY FEATURES:

- Dual-beam receptacle contact

### SPECIFICATION:

- **Product spec:** [108-64040](#)
- **Catalogue:** [AMPModu2mm](#)

### APPLICATION:

- Inverter, Onboard charger



Full LV214 Qualification



Partial LV214 / USCAR 2 Qualification



No AUT certification → use in BlackBox



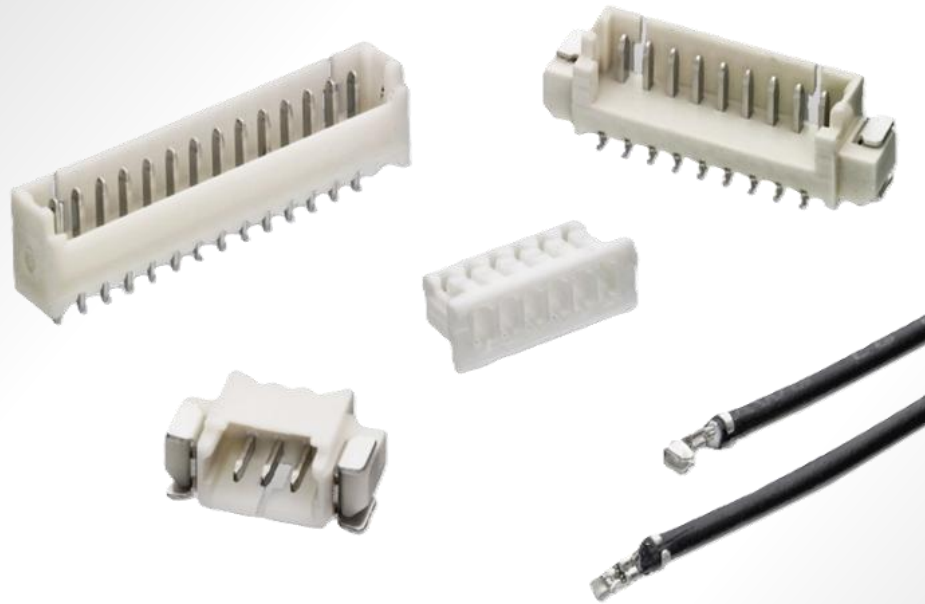
NPI – In Development



Data Rate (Gbit/S)



## PRODUCT OVERVIEW



## PERFORMANCE SPECIFICATION & STANDARDS

### PRODUCT RATING:

- **Voltage Rating:** 50V
- **Current Rating:** max 1A
- **Temperature Rating:** -55°C to +105°C

### PRODUCT CONFIGURATION:

- **Pitch:** 1.00mm
- **Position:** 2 to 50
- **Configuration:** Vertical (180°) / Horizontal (90°)
- **Cable Types:** 26-32 AWG
- **Termination:** Male SMT & Female Crimp

### KEY FEATURES:

- Miniaturized

### SPECIFICATION:

- **Product spec:** [108-57264](#)
- **Catalogue:** [HPI Connector](#)

### APPLICATION:

- Lighting

# SIGNAL GRACE INERTIA 1.25



Full LV214 Qualification



Partial LV214 / USCAR 2 Qualification



No AUT certification → use in BlackBox



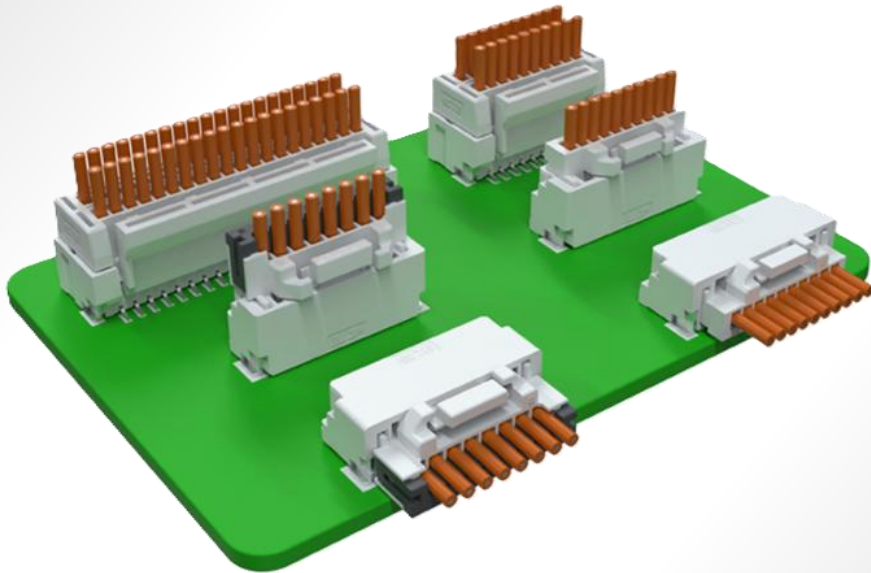
NPI – In Development



Data Rate (Gbit/S)



## PRODUCT OVERVIEW



## PERFORMANCE SPECIFICATION & STANDARDS

### PRODUCT RATING:

- **Voltage Rating:** 50V
- **Current Rating:** max 2.2A
- **Temperature Rating:** -40°C to +105°C

### PRODUCT CONFIGURATION:

- **Pitch:** 1.25mm
- **Position:** 2 to 40
- **Configuration:** Vertical (180°) / Horizontal (90°)
- **Cable Types:** 26-30 AWG
- **Termination:** Male SMT & Female Crimp

### KEY FEATURES:

- UL, VDE certificated

### SPECIFICATION:

- **Product spec:** [108-106451](#)
- **Catalogue:** [Signal Grace Inertia](#)

### APPLICATION:

- Lighting

# SIGNAL GRACE INERTIA 1.50



Full LV214 Qualification



Partial LV214 / USCAR 2 Qualification



No AUT certification → use in BlackBox



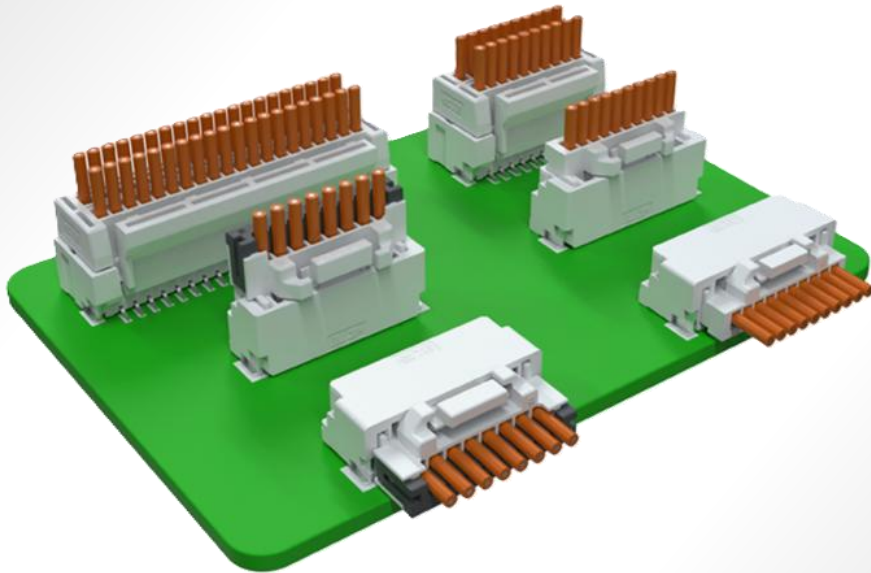
NPI – In Development



Data Rate (Gbit/S)



## PRODUCT OVERVIEW



## PERFORMANCE SPECIFICATION & STANDARDS

### PRODUCT RATING:

- **Voltage Rating:** 50V
- **Current Rating:** max 2.5A
- **Temperature Rating:** -40°C to +105°C

### PRODUCT CONFIGURATION:

- **Pitch:** 1.50mm
- **Position:** 2 to 12
- **Configuration:** Vertical (180°) / Horizontal (90°)
- **Cable Types:** 24-28 AWG
- **Termination:** Male SMT & Female Crimp

### KEY FEATURES:

- UL, VDE certificated, Glow Wire

### SPECIFICATION:

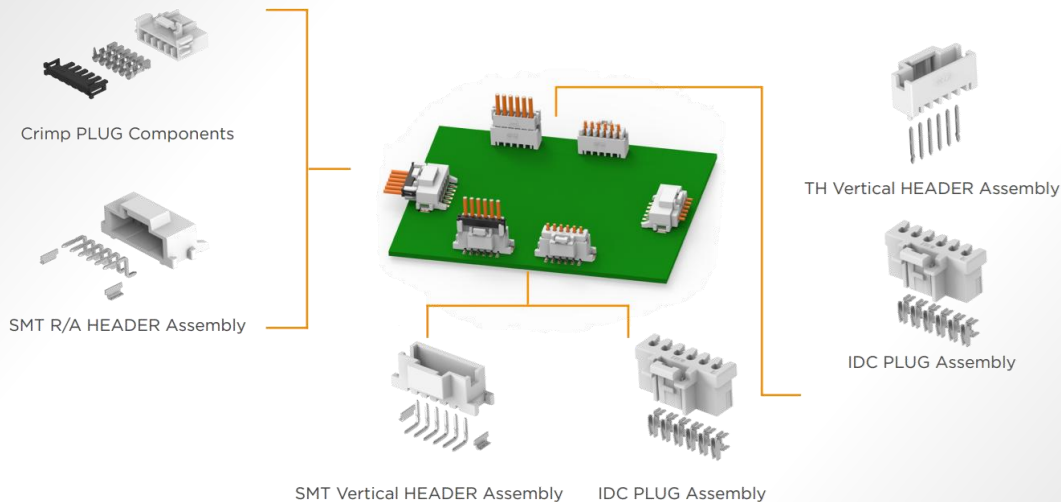
- **Product spec:** [108-106451](#)
- **Catalogue:** [Signal Grace Inertia](#)

### APPLICATION:

- Lighting, Side Mirror Defrosters



## PRODUCT OVERVIEW



## PERFORMANCE SPECIFICATION & STANDARDS

### PRODUCT RATING:

- **Voltage Rating:** 50V
- **Current Rating:** max 3A
- **Temperature Rating:** -40°C to +105°C

### PRODUCT CONFIGURATION:

- **Pitch:** 2.00 mm
- **Position:** 2 to 8P
- **Configuration:** Vertical (180°) / Horizontal (90°)
- **Cable Types:** 22-28 AWG
- **Termination:** Male SMT / TH & Female Crimp / IDC

### KEY FEATURES:

- UL certificated, Glow wire

### SPECIFICATION:

- **Product spec:** [108-143160](#) (Crimp), [108-106266](#)
- **Catalogue:** [SGI 2.0](#)

### APPLICATION:

- Inverter, Onboard charger, Lighting

# MINIBRIDGE (ERNI)



Full LV214 Qualification
 Partial LV214 / USCAR 2 Qualification
 No AUT certification → use in BlackBox
 NPI – In Development
 Data Rate (Gbit/S)



## PRODUCT OVERVIEW



## PERFORMANCE SPECIFICATION & STANDARDS

### PRODUCT RATING:

- **Voltage Rating:** 50V
- **Current Rating:** max 3A
- **Temperature Rating:** -30°C to +105°C

### PRODUCT CONFIGURATION:

- **Pitch:** 2.50 mm
- **Position:** 2 to 8P
- **Configuration:** Vertical (180°)
- **Cable Types:** 22-28 AWG
- **Termination:** Male TH & Female Crimp

### KEY FEATURES:

- UL certificated, Glow wire

### SPECIFICATION:

- **Product spec:** [108-106077](#)
- **Catalogue:** [SGI 2.5](#)

### APPLICATION:

- Inverter, Onboard charger





## PRODUCT OVERVIEW



## PERFORMANCE SPECIFICATION & STANDARDS

### PRODUCT RATING:

- **Current Rating:** up to 8.7A (8A on standard variant)
- **Temperature Rating:** -55° C to +125° C

### PRODUCT CONFIGURATION:

- **Pitch:** 1.27mm
- **Position:** 2, 3, 4, 6, 8, 10, 12
- **Configuration:** Vertical (180°) / Horizontal (90°)
- **Cable Types:** Ribbon Cable AWG 26/7; Discrete Wire AWG 22/7; AWG 24/7; AWG 26/7
- **Termination:** Male SMT & Female IDC (SMBT qualified)

### KEY FEATURES:

- UL certificated

### SPECIFICATION:

- **Application spec:** [114-160988](#)
- **Catalogue:** [MiniBridge Connectors](#)

### APPLICATION:

- Inverter, Onboard charger

# MICROBRIDGE (ERNI)



Full LV214 Qualification



Partial LV214 / USCAR 2 Qualification



No AUT certification → use in BlackBox



NPI – In Development



Data Rate (Gbit/S)



## PRODUCT OVERVIEW



## PERFORMANCE SPECIFICATION & STANDARDS

### PRODUCT RATING:

- **Voltage Rating:** 70 VDC
- **Current Rating:** up to 9.0A (8A on standard variant)
- **Temperature Rating:** -40°C to +150°C

### PRODUCT CONFIGURATION:

- **Pitch:** 1.27mm
- **Position:** 2-16 pin (single-row), 18-20pin (dual row)
- **Configuration:** Vertical (180°) / Horizontal (90°)
- **Cable Types:** discrete wire 0,35 mm<sup>2</sup> FLU2X (Sn), FLU9Y (SN); discrete wire 0,22mm<sup>2</sup>
- **Termination:** Male SMT & Female IDC (SMBT qualified)

### KEY FEATURES:

- UL94 V-0 certificated

### SPECIFICATION:

- **Product** [108-161172](#)
- **Catalogue:** [MicroBridge Connectors](#)

### APPLICATION:

- Inverter, Onboard charger



Full LV214 Qualification



Partial LV214 / USCAR 2 Qualification



No AUT certification → use in BlackBox



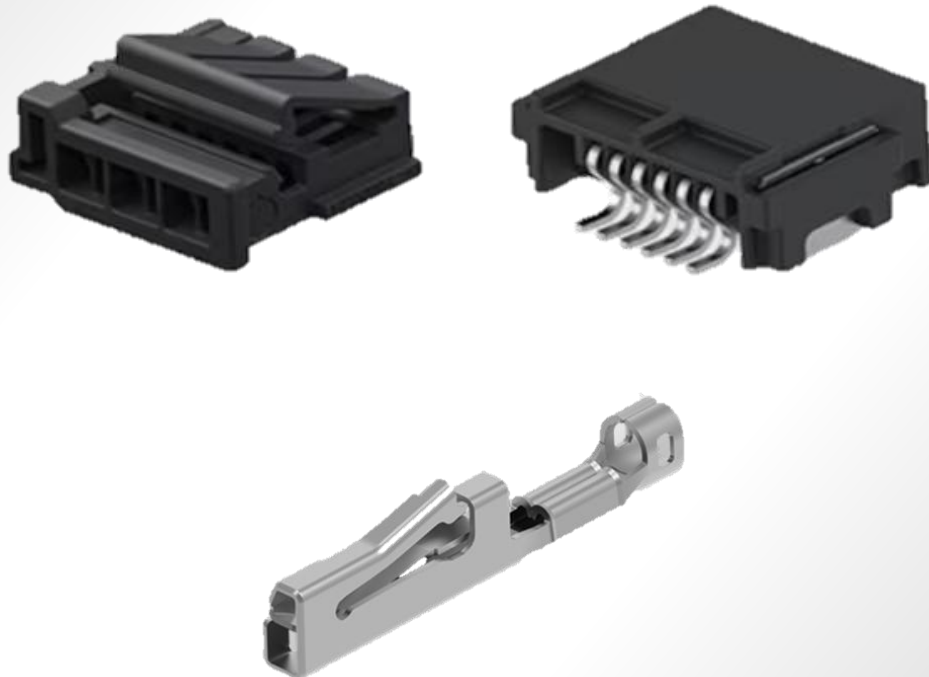
NPI – In Development



Data Rate (Gbit/S)



## PRODUCT OVERVIEW



## PERFORMANCE SPECIFICATION & STANDARDS

### PRODUCT RATING:

- **Voltage Rating:** 12V
- **Current Rating:** 4A (90°C) / 1A FFC
- **Temperature Rating:** Max. Temp 130°C (Sn) / 105°C FFC

### PRODUCT CONFIGURATION:

- **Pitch:** 1.27mm
- **Position:** 2 - 10
- **Configuration:** Horizontal (90°)
- **Cable Types:** 0.22 mm<sup>2</sup> FLU & FLR, Foil cross section 0.014 to 0.42 mm<sup>2</sup>
- **Connection:** SMT

### KEY FEATURES:

- LV214 qualified

### SPECIFICATION:

- **Product** [108-94870](#) , [108-94648](#)
- **Catalogue:** [miniaturized-connector](#)

### APPLICATION:

- Headlamps, Steering wheel controls, BMS



Full LV214 Qualification



Partial LV214 / USCAR 2 Qualification



No AUT certification → use in BlackBox



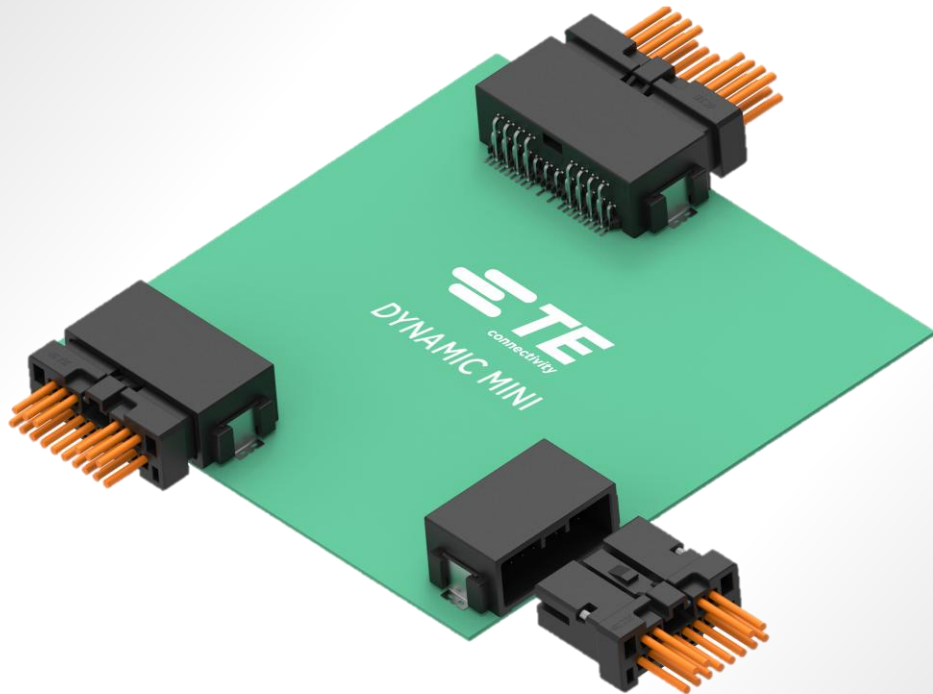
NPI – In Development



Data Rate (Gbit/S)



## PRODUCT OVERVIEW



## PERFORMANCE SPECIFICATION & STANDARDS

### PRODUCT RATING:

- **Voltage Rating:** 250V AC / 125V AC
- **Current Rating:** 3A
- **Temperature Rating:** -40°C to +125°C

### PRODUCT CONFIGURATION:

- **Pitch:** 1.8mm
- **Position:** 12-44
- **Configuration:** Horizontal (90°)
- **Cable Types:** 0.13 to 0.35mm<sup>2</sup>
- **Connection:** SMT

### KEY FEATURES:



- Small size / Secondary locking design.
- UL, VDE LV 214 certificated

### SPECIFICATION:

- **Product** [108-137526](#)
- **Catalogue:** [Dynamic-Mini](#)

### APPLICATION:

- BMS, Inverter, Onboard charger

 Full LV214 Qualification
  Partial LV214 / USCAR 2 Qualification
  No AUT certification → use in BlackBox
  NPI – In Development
  Data Rate (Gbit/S)



## PRODUCT OVERVIEW



## PERFORMANCE SPECIFICATION & STANDARDS

### PRODUCT RATING:

- **Voltage Rating:** 12V
- **Current Rating:** 6A (90°C)
- **Temperature Rating:** -40°C to +130°C(Sn), max. 170°C (Ag)

### PRODUCT CONFIGURATION:

- **Pitch:** 1.8mm
- **Position:** 2 - 32
- **Configuration:** Vertical (180°) / Horizontal (90°)
- **Cable Types:** 0.13 mm<sup>2</sup> to 0.35 mm<sup>2</sup> and FFC/FPC
- **Connection:** SMT (header) & Crimp (receptacle)

### KEY FEATURES:

- LV214 qualified
- SG4 vibration Grade (Ag)
- Miniaturized, Space-saving and Robust terminal system

### SPECIFICATION:

- **Product** [108-94288](#)
- **Catalogue:** [NanoMQS](#)

### APPLICATION:

- Engine Control Units & Airbags, battery units, Black Box applications



Full LV214 Qualification



Partial LV214 / USCAR 2 Qualification



No AUT certification → use in BlackBox



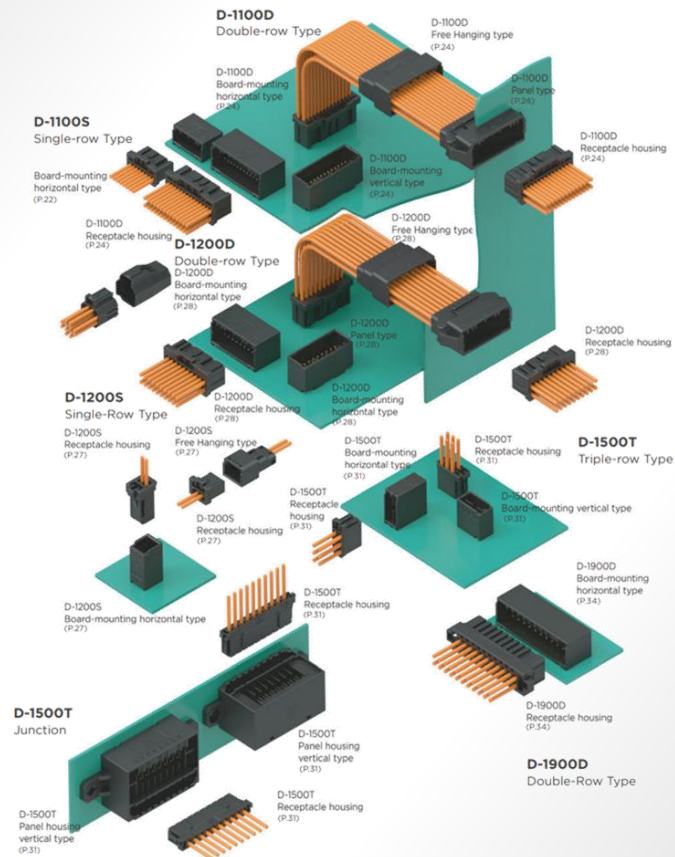
NPI – In Development



Data Rate (Gbit/S)



## PRODUCT OVERVIEW



## PERFORMANCE SPECIFICATION & STANDARDS

### PRODUCT RATING:

- **Voltage Rating:** 125V (2.0mm pitch), 250V(2.5mm, 3.5mm pitch)
- **Current Rating:** 3A up to 5A
- **Temperature Rating:** -30°C to +105°C

### PRODUCT CONFIGURATION:

- **Pitch:** 2.0, 2.5, 3.5mm
- **Position:** 4 - 40
- **Configuration:** Vertical (180°) / Horizontal (90°)
- **Cable Types:** Discrete Wire AWG #18 - #30
- **Connection:** TH, SMT & Crimp

### KEY FEATURES:

- Wide Applicable Wire / Hand Tools are available for all wire sizes.
- UL, certificated

### SPECIFICATION:

- **Product** [108-78268](#), [108-78298](#)
- **Catalogue:** [Dynamic Series](#) (Page 18)

### APPLICATION:

- BMS, Onboard charger





Full LV214 Qualification



Partial LV214 / USCAR 2 Qualification



No AUT certification → use in BlackBox



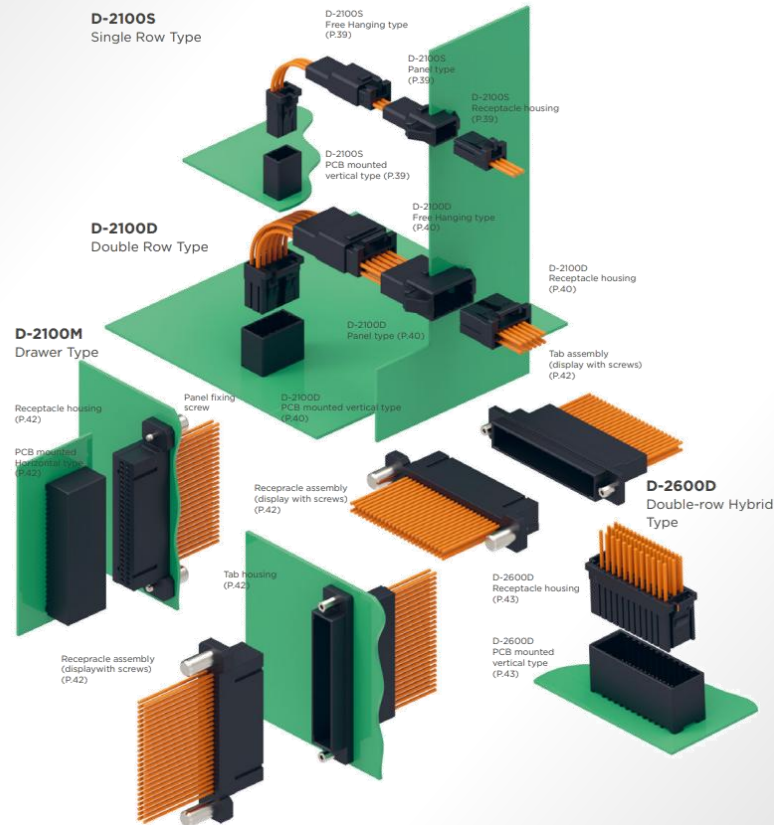
NPI – In Development



Data Rate (Gbit/S)



## PRODUCT OVERVIEW



## PERFORMANCE SPECIFICATION & STANDARDS

### PRODUCT RATING:

- **Voltage Rating:** 250V
- **Current Rating:** 5A
- **Temperature Rating:** -55°C to +105°C

### PRODUCT CONFIGURATION:

- **Pitch:** 2.5mm
- **Position:** 3, 6, 8, 12, 16, 20
- **Configuration:** Vertical (180°) / Horizontal (90°)
- **Cable Types:** Discrete Wire AWG 18-28
- **Connection:** THT & Crimping

### KEY FEATURES:

- Terminal and Housing Construction are Twist Resistant / Contact Wiping Length / Center Locking
- UL94-V-0

### SPECIFICATION:

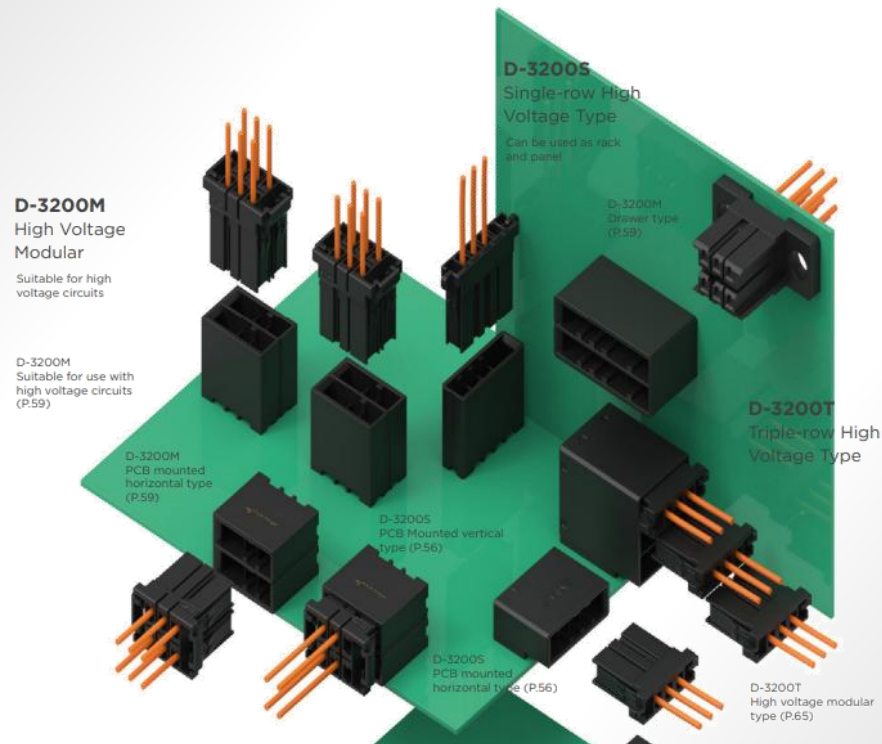
- **Product** [108-5619](#)
- **Catalogue:** [Dynamic Series](#) (Page 35- D2000)

### APPLICATION:

- Inverter, Onboard charger



## PRODUCT OVERVIEW



## PERFORMANCE SPECIFICATION & STANDARDS

### PRODUCT RATING:

- **Voltage Rating:** 250V(3.81mm Pitch), 800V(5.08mm Pitch)
- **Current Rating:** up to 15A
- **Temperature Rating:** -55°C to +105°C

### PRODUCT CONFIGURATION:

- **Pitch:** 3.81, 5.08mm
- **Position:** 3-20
- **Configuration:** Vertical (180°) / Horizontal (90°)
- **Cable Types:** Discrete Wire AWG 14 - 28
- **Connection:** THT, SMT & Crimp.

### KEY FEATURES:

- Anti-twist contact structure / Three plating types
- UL, VDE certificated

### SPECIFICATION:

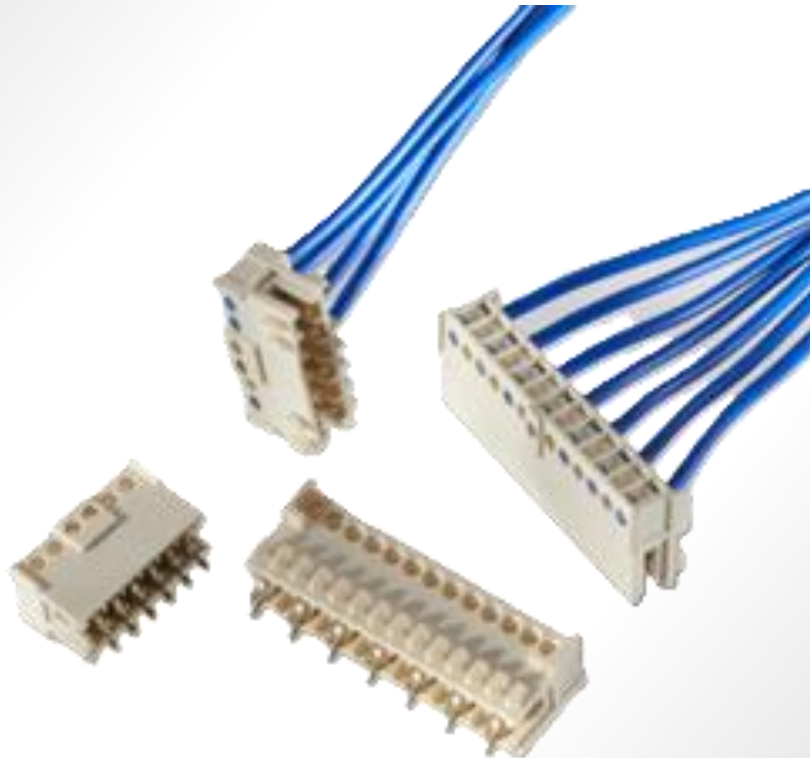
- **Product** [108-5349](#)
- **Catalogue:** [Dynamic Series](#) (Page 44)

### APPLICATION:

- BMS, BDU



## PRODUCT OVERVIEW



## PERFORMANCE SPECIFICATION & STANDARDS

### PRODUCT RATING:

- **Voltage Rating:** up to 250V (50V on standard variant)
- **Current Rating:** 6A(Silver) 2A(Tin)
- **Temperature Rating:** -40°C to +120°C

### PRODUCT CONFIGURATION:

- **Pitch:** 2.5mm
- **Position:** 2-20
- **Configuration:** Vertical (180°) / Horizontal (90°)
- **Cable Types:** 18.5 AWG to 24 AWG
- **Connection:** SMT, THT & CRIMP

### KEY FEATURES:

- UL, VDE, certificated
- Fully loaded and selectively loaded options
- Internal and external locking

### SPECIFICATION:

- **Product** [108-106198](#)
- **Catalogue:** [RAST2.5](#), [Mono Plug](#)

### APPLICATION:

- Headlamp



Full LV214 Qualification



Partial LV214 / USCAR 2 Qualification



No AUT certification → use in BlackBox



NPI – In Development



Data Rate (Gbit/S)



## PRODUCT OVERVIEW



## PERFORMANCE SPECIFICATION & STANDARDS

### PRODUCT RATING:

- **Voltage Rating:** 250V
- **Current Rating:** 2A-4A
- **Temperature Rating:** -40°C to +105°C

### PRODUCT CONFIGURATION:

- **Pitch:** 2 and 2.5mm
- **Position:** 2-14
- **Configuration:** Vertical (180°)
- **Cable Types:** 30-26 AWG [0.05-0.15mm<sup>2</sup>] and 26-22 AWG [0.15-0.4mm<sup>2</sup>]
- **Connection:** Crimp

### KEY FEATURES:

- Low mating height
- UL certificated

### SPECIFICATION:

- **Product spec** [108-5163](#), [114-5062](#)
- **Catalogue:** [MINI AMP-IN](#)

### APPLICATION:

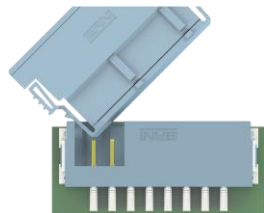
- Headlamps, Inverter, Onboard charger



## PRODUCT OVERVIEW



Mechanical Color coding  
+ Audible click



Koshiri secure design



Primary & Secondary  
locking

## PERFORMANCE SPECIFICATION & STANDARDS

### PRODUCT RATING:

- **Current Rating:** Up to 12 A for (Au) Up to 7A for (Sn)
- **Temperature Rating:** -40°C to 105°C MaxiBridge QT (Sn)
- -55°C to 150°C MaxiBridge (Au)

### PRODUCT CONFIGURATION:

- **Pitch:** 2.54
- **Position:** 2-10 pin (single-row), 10-20pin (dual row)
- **Cable Types:** Discrete wire AWG18, AWG 20, AWG 22, AWG 24 & AWG 26 for MaxiBridge (Au), AWG 20, AWG 22 for MaxiBridge QT (Sn)

### KEY FEATURES:

- Automatic Assembly and Reflow Soldering, SSL-Lighting Technology, Robust Solder Clips, Color Coding, Primary & Secondary Locking Koshiri, Color Coding, Primary & Secondary Locking
- LV214 and USCAR 2 qualified

### SPECIFICATION:

- **Product spec** [108-160990](#)
- **Catalogue:** [MaxiBridge](#)

### APPLICATION:

- Inverter, Onboard charger



## PRODUCT OVERVIEW



MQS Unsealed Terminal



MQS Standard Pin Unsealed Terminal



MQS Clean Body Terminal

## PERFORMANCE SPECIFICATION & STANDARDS

### PRODUCT RATING:

- **Current Rating:** max. 7.5A
- **Temperature Rating:** -40°C to +140°C

### PRODUCT CONFIGURATION:

- **Pitch:** 2.54
- **Cable Types:** Discreet wires 0.08 – 0.75 mm<sup>2</sup> & FFC
- **Connection:** Crimp

### KEY FEATURES:

- LV214 qualified
- Sealed / Unsealed
- Robust terminal system

### SPECIFICATION:

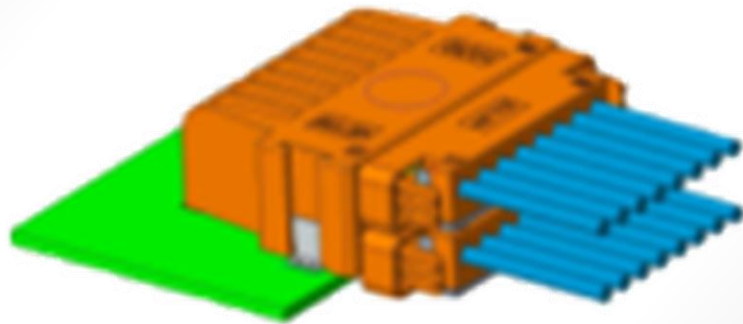
- **Product spec** [108-18030](#)
- **Catalogue:** [MQS](#)

### APPLICATION:

- BMS, Onboard Charger



## PRODUCT OVERVIEW



## PERFORMANCE SPECIFICATION & STANDARDS

### PRODUCT RATING:

- **Voltage Rating:** 1000 V AC
- **Current Rating:** 3A
- **Temperature Rating:** -40°C to +125°C

### PRODUCT CONFIGURATION:

- **Pitch:** 3.50mm
- **Position:** 6-12
- **Configuration:** Horizontal (90°)
- **Cable Types:** Discrete Wire AWG 20,22
- **Connection:** SMT

### KEY FEATURES:

- **Data:** Latch protection, Secondary locking design, Voltage rating extension

### SPECIFICATION:

- **Product spec:** [108-161098](#)
- **Catalogue:** [Dynamic HV series](#)

### APPLICATION:

- BESS, EVI, EV power battery, Battery pack, Battery management system / Battery distribution unit



Full LV214 Qualification



Partial LV214 / USCAR 2 Qualification



No AUT certification → use in BlackBox



NPI – In Development



Data Rate (Gbit/S)



## PRODUCT OVERVIEW



**1000V**



## PERFORMANCE SPECIFICATION & STANDARDS

### PRODUCT RATING:

- **Voltage Rating:** up to 1000V
- **Current Rating:** up to 6A
- **Temperature Rating:** -55°C to +150°C

### PRODUCT CONFIGURATION:

- **Pitch:** 6.2mm
- **Position:** 2, 5, 6
- **Configuration:** Horizontal (180°)
- **Cable Types:** Discrete Wire AWG 22 (0.35mm<sup>2</sup>)
- **Connection:** SMT & Crimp

### KEY FEATURES:

- Miniaturization grade with low profile.
- UL

### SPECIFICATION:

- **Product spec:** [108-94917](#)
- **Catalogue:** [Voltron-1000](#)

### APPLICATION:

- BMS, BDU



## PRODUCT OVERVIEW



## PERFORMANCE SPECIFICATION & STANDARDS

### PRODUCT RATING:

- **Voltage Rating:** 50V
- **Current Rating:** 0.5A
- **Temperature Rating:** -55°C to +85°C

### PRODUCT CONFIGURATION:

- **Pitch:** 0.5mm (0.25 & 0.3mm)
- **Position:** 4-50
- **Configuration:** Vertical (180°) / Horizontal (90°)

### KEY FEATURES:

- ULTRA LOW-PROFILE
- UL94V-0

### SPECIFICATION:

- **Product spec:** [108-115142](#), [108-115120](#)
- **Catalogue:** [FPC](#), [Low Profile](#), [Landing Page](#)

### APPLICATION:

- Inverter, Onboard charger, Infotainment Screen

# FPC CONNECTOR (ZIF & NON ZIF)



Full LV214 Qualification



Partial LV214 / USCAR 2 Qualification



No AUT certification → use in BlackBox



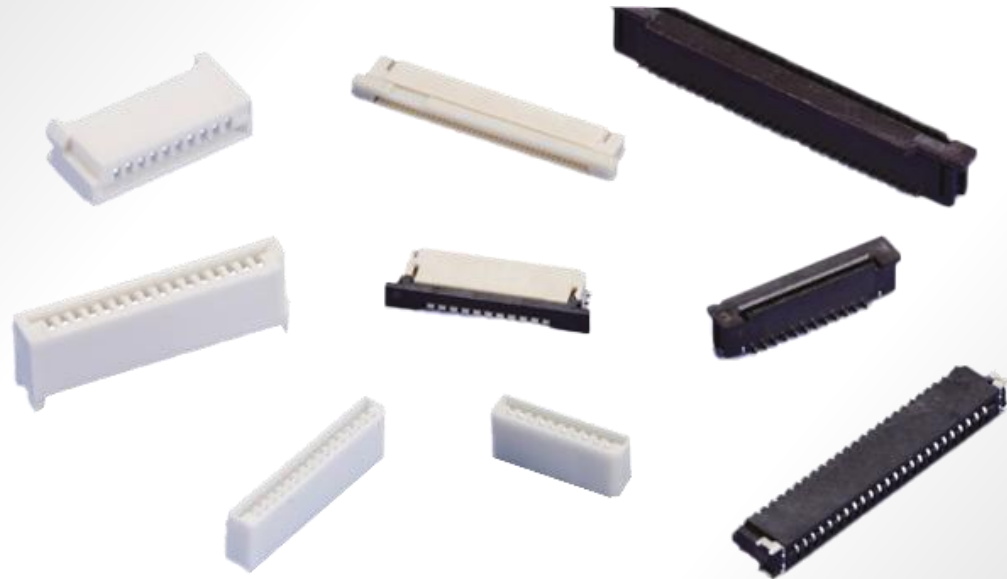
NPI – In Development



Data Rate (Gbit/S)



## PRODUCT OVERVIEW



## PERFORMANCE SPECIFICATION & STANDARDS

### PRODUCT RATING:

- **Voltage Rating:** 50, 125, 200V
- **Current Rating:** 1A
- **Temperature Rating:** -55°C to +85°C

### PRODUCT CONFIGURATION:

- **Pitch:** 1mm (1.25mm)
- **Position:** 3 – 30
- **Configuration:** Vertical (180°) / Horizontal (90°)

### KEY FEATURES:

- UL94V-0

### SPECIFICATION:

- **Product spec:** [108-51074](#), [108-51054](#), [108-51021](#)
- **Catalogue:** [FPC](#), [Landing Page](#)

### APPLICATION:

- Infotainment devices

# 0.5MM FINEPITCH BTB



Full LV214 Qualification



Partial LV214 / USCAR 2 Qualification



No AUT certification → use in BlackBox



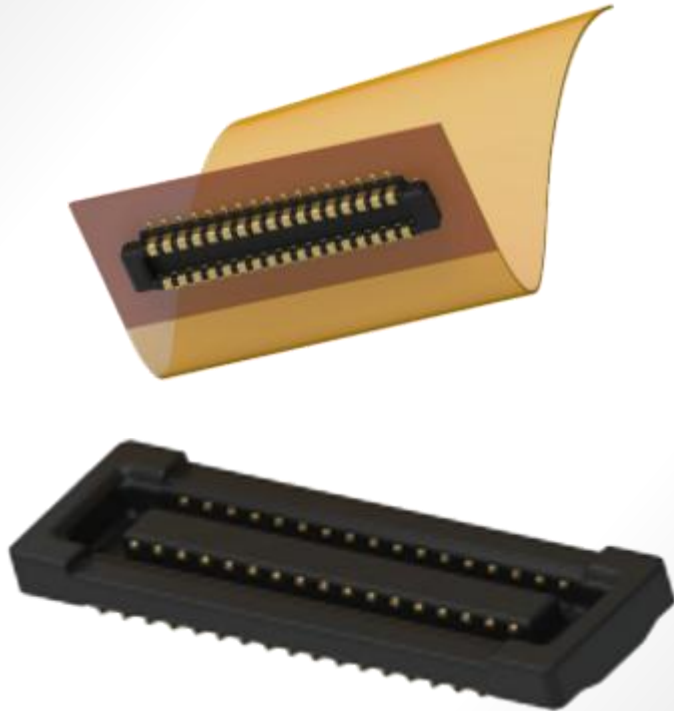
NPI – In Development



Data Rate (Gbit/S)



## PRODUCT OVERVIEW



## PERFORMANCE SPECIFICATION & STANDARDS

### PRODUCT RATING:

- Voltage Rating: 60V
- Current Rating: 0.5A
- Temperature Rating: -40°C to +85°C

### PRODUCT CONFIGURATION:

- Pitch: 0.4mm
- Position: 8-40
- Configuration: Vertical (180°)

### KEY FEATURES:

- Super narrow body with sufficient pick and place area

### SPECIFICATION:

- Product spec: [108-161052](#)
- Catalogue: [FinePitch](#)
- Application spec: [114-115040](#)

### APPLICATION:

- Infotainment devices

# SMC (RIBBON CABLE)



Full LV214 Qualification



Partial LV214 / USCAR 2 Qualification



No AUT certification → use in BlackBox



NPI – In Development



Data Rate (Gbit/S)



3

## PRODUCT OVERVIEW



## PERFORMANCE SPECIFICATION & STANDARDS

### PRODUCT RATING:

- **Current Rating:** 1.7A (up to 2.7A)
- **Temperature Rating:** -55°C to +125°C

### PRODUCT CONFIGURATION:

- **Pitch:** 1.27mm
- **Position:** 12,16,20,26,32,40,50,68,80
- **Configuration:** Vertical (180°) / Horizontal (90°)
- **Cable Types:** Ribbon Cable AWG 30/7
- **Connection:** SMT & IDC.

### KEY FEATURES:

- **Data:** up to 3 Gbit/s
- UL 94 V0

### SPECIFICATION:

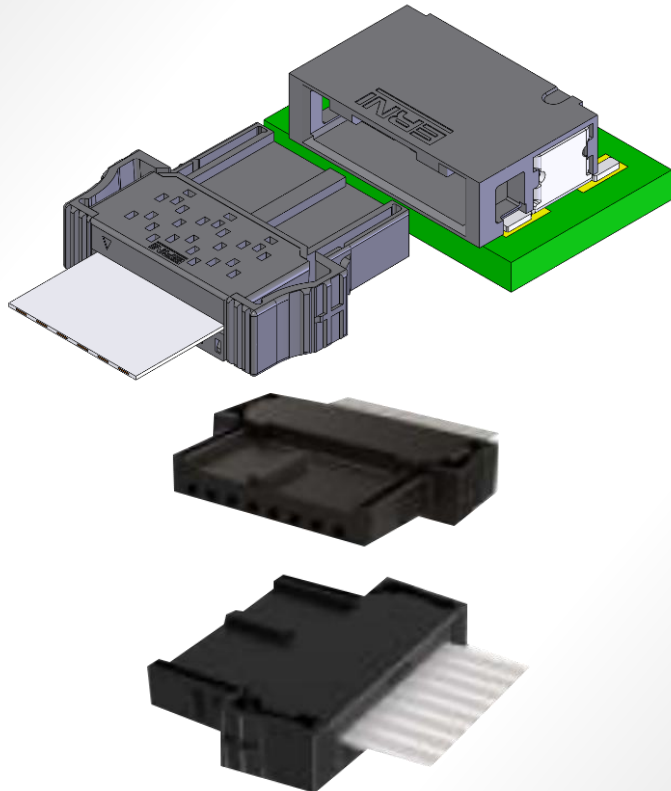
- **Catalogue:** [SMC Connectors](#) , [IDCCS\\_SMC](#)

### APPLICATION:

- Internal wiring, Automation controls, HMI (human machine interface) Connections



## PRODUCT OVERVIEW



## PERFORMANCE SPECIFICATION & STANDARDS

### PRODUCT RATING:

- **Voltage Rating:** 70 VDC
- **Current Rating:** up to 9.0A (8A on standard variant)
- **Temperature Rating:** -40°C to +150°C

### PRODUCT CONFIGURATION:

- **Pitch:** 1.27mm
- **Position:** 2-16 pin (single-row), 18-20pin (dual row)
- **Configuration:** Vertical (180°) / Horizontal (90°)
- **Cable Types:** FFC/FPC
- **Termination:** Male SMT & Female IDC (SMBT qualified)

### KEY FEATURES:

- Mass termination capable
- UL94 V-0 certificated

### SPECIFICATION:

- **Product spec:** [108-161172](#)
- **Catalogue:** [MicroBridge Connectors](#)

### APPLICATION:

- Inverter, Onboard charger



Full LV214 Qualification



Partial LV214 / USCAR 2 Qualification



No AUT certification → use in BlackBox



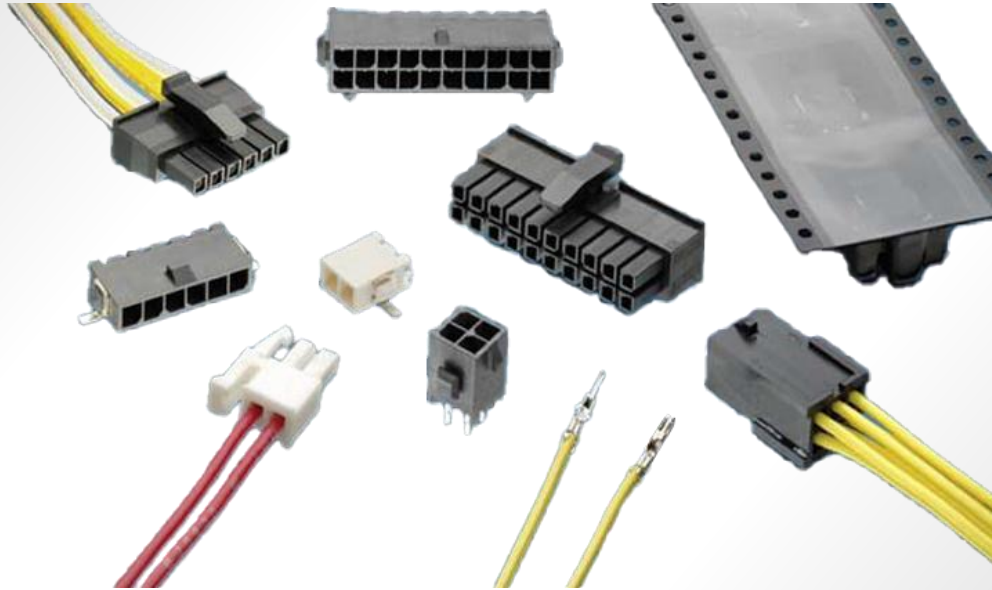
NPI – In Development



Data Rate (Gbit/S)



## PRODUCT OVERVIEW



## PERFORMANCE SPECIFICATION & STANDARDS

### PRODUCT RATING:

- **Voltage Rating:** 250 Volts
- **Current Rating:** 1.8A-5A
- **Temperature Rating:** -40 to 105°C

### PRODUCT CONFIGURATION:

- **Pitch:** 3.00
- **Position:** 2-12 position single row and 2-24 position dual row
- **Configuration:** Vertical (180°) / Horizontal (90°)
- **Plating:** Tin or Gold

### KEY FEATURES:

- UL, CSA and VDE approved

### SPECIFICATION:

- **Product spec:** [108-1836](#)
- **Catalogue:** [Mate-N-Lock](#)
- **Application spec:** [114-13000](#)

### APPLICATION:

- Lighting, BMS



Full LV214 Qualification



Partial LV214 / USCAR 2 Qualification



No AUT certification → use in BlackBox



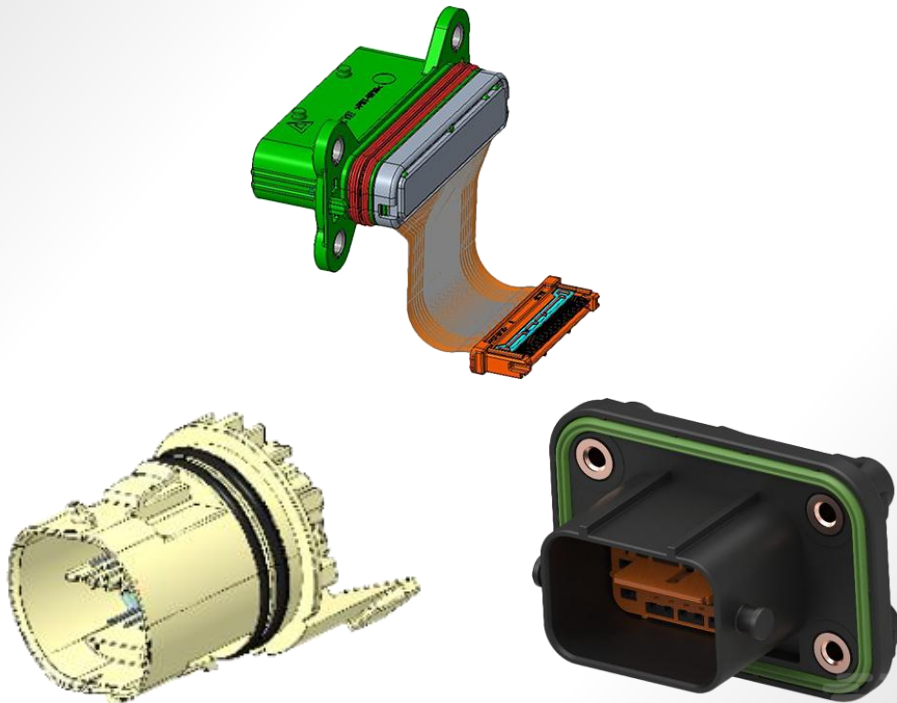
NPI – In Development



Data Rate (Gbit/S)



## PRODUCT OVERVIEW



## PERFORMANCE SPECIFICATION & STANDARDS

### PRODUCT RATING:

- **Voltage Rating:** 14V
- **Current Rating:** Signal
- **Temperature Rating:** -40C to +125°C

### PRODUCT CONFIGURATION:

- **Pitch:** Various
- **Position:** 17, 22, 30, 32, 40, 48
- **Configuration:** Passthrough
- **Stack Heights:** 5 - 20mm
- **Mounting:** Wire to Wire, Wire to Board, FPC

### KEY FEATURES:

- **Data:** LV connection
- **Shielding:** No
- **Passthrough Connection**

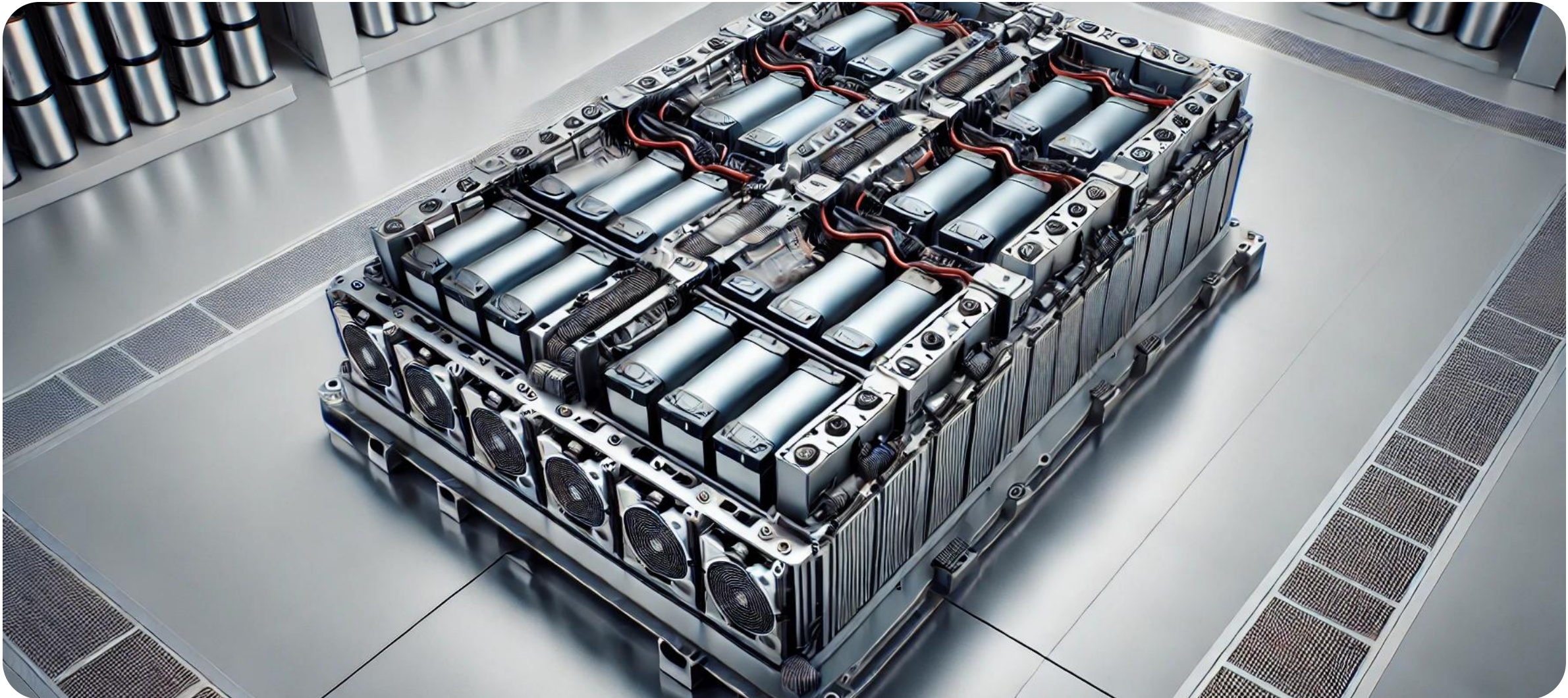
### SPECIFICATION:

- **Catalogue:** Available online

### APPLICATION:

- Inverter, Converter, Onboard charger, Battery Pack

# POWER DISTRIBUTION PORTFOLIO



# BUSBAR TO PCB SOLUTIONS



## CROWN CLIP SR.



## CROWN CLIP JR.



## POWER TERMINALS



# CROWN CLIP SENIOR



## PRODUCT OVERVIEW



## PERFORMANCE SPECIFICATION & STANDARDS

### PRODUCT RATING:

- **Current Rating:** 420A
- **Temperature Rating:** -65°C to +125°C

### PRODUCT CONFIGURATION:

- **Mating Tab Thickness:** 3.18mm
- **Mating Tab Width:** 25.4mm
- **Configuration:** Vertical (180°)
- **Termination:** Through Hole – Screw
- **PCB Thickness (Recommended) (mm):** 2.0 – 6.0 mm

### KEY FEATURES:

- **Mating & Unmating:** Hot Pluggable
- **Mating Alignment:** Blindmate

### SPECIFICATION:

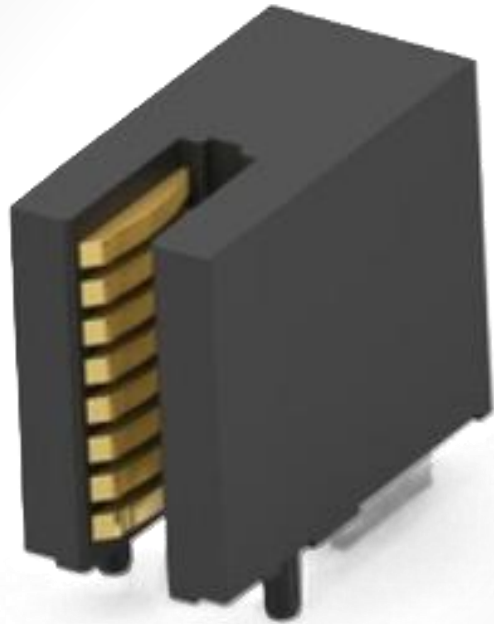
- Customer Drawing: [2204700-1](#)
- Product spec: [108-128066](#)
- Application spec: [114-128068](#)
- Catalogue [1-1773701-9](#)
- Catalogue [1773096](#)



# CROWN CLIP JUNIOR



## PRODUCT OVERVIEW



## PERFORMANCE SPECIFICATION & STANDARDS

### PRODUCT RATING:

- **Current Rating:** 250A
- **Temperature Rating:** -40°C to +125°C

### PRODUCT CONFIGURATION:

- **Mating Tab Thickness:** 5.0mm
- **Mating Tab Width:** 13.88mm
- **Configuration:** Right Angle (90°)
- **Termination:** Through Hole – Solder
- **PCB Thickness (Recommended) (mm):** 2.5 – 6 mm

### KEY FEATURES:

- **Mating & Unmating:** Hot Pluggable
- **Mating Alignment:** Blindmate

### SPECIFICATION:

- Customer Drawing: [2178517-1](#)
- Product spec: [108-19360](#)
- Application spec: [114-19128](#)
- Catalogue [1-1773701-9](#)
- Catalogue [1773096](#)



# CROWN CLIP JUNIOR



## PRODUCT OVERVIEW



## PERFORMANCE SPECIFICATION & STANDARDS

### PRODUCT RATING:

- **Current Rating:** 250A
- **Temperature Rating:** -40°C to +125°C

### PRODUCT CONFIGURATION:

- **Mating Tab Thickness:** 5.0mm
- **Mating Tab Width:** 13.88mm
- **Configuration:** Right Angle (90°)
- **Termination:** Through Hole – Solder
- **PCB Thickness (Recommended) (mm):** 2.1 – 5.6 mm

### KEY FEATURES:

- **Mating & Unmating:** Hot Pluggable
- **Mating Alignment:** Blindmate

### SPECIFICATION:

- Customer Drawing: [2178517-1](#)
- Product spec: [108-19360](#)
- Application spec: [114-19128](#)
- Catalogue [1-1773701-9](#)
- Catalogue [1773096](#)



# CROWN CLIP JUNIOR



## PRODUCT OVERVIEW



## PERFORMANCE SPECIFICATION & STANDARDS

### PRODUCT RATING:

- **Current Rating:** 170A
- **Temperature Rating:** -65°C to +105°C

### PRODUCT CONFIGURATION:

- **Mating Tab Thickness:** 3.0mm
- **Mating Tab Width:** 14.95mm
- **Configuration:** Right Angle (90°)
- **Termination:** Through Hole – Solder
- **PCB Thickness (Recommended) (mm):** 1.9 – 6.0 mm

### KEY FEATURES:

- **Mating & Unmating:** Hot Pluggable
- **Mating Alignment:** Blindmate

### SPECIFICATION:

- Customer Drawing: [2178517-1](#)
- Product spec: [108-19360](#)
- Application spec: [114-19128](#)
- Catalogue [1-1773701-9](#)
- Catalogue [1773096](#)



# CROWN CLIP JUNIOR



## PRODUCT OVERVIEW



## PERFORMANCE SPECIFICATION & STANDARDS

### PRODUCT RATING:

- **Current Rating:** 170A
- **Temperature Rating:** -65°C to +105°C

### PRODUCT CONFIGURATION:

- **Mating Tab Thickness:** 3.0mm
- **Mating Tab Width:** 14.95mm
- **Configuration:** Right Angle (90°)
- **Termination:** Through Hole – Screw
- **PCB Thickness (Recommended) (mm):** 1.9 – 6.0 mm

### KEY FEATURES:

- **Mating & Unmating:** Hot Pluggable
- **Mating Alignment:** Blindmate

### SPECIFICATION:

- Customer Drawing: [2178517-1](#)
- Product spec: [108-19360](#)
- Application spec: [114-19128](#)
- Catalogue [1-1773701-9](#)
- Catalogue [1773096](#)



## PRODUCT OVERVIEW



## PERFORMANCE SPECIFICATION & STANDARDS

### PRODUCT RATING:

- **Current Rating:** 500A
- **Temperature Rating:** -55°C to +105°C

### PRODUCT CONFIGURATION:

- **Mating Tab Thickness:** 3.18mm
- **Configuration:** Right Angle (90°)
- **Termination:** Through Hole – Screw

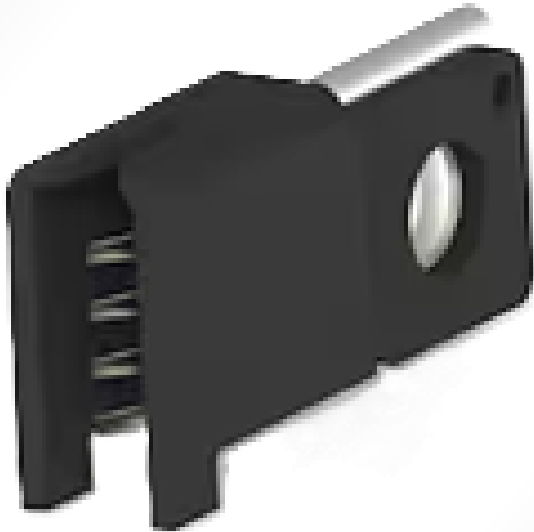
### KEY FEATURES:

- **Mating Alignment:** Blindmate

### SPECIFICATION:

- Customer Drawing: [213647-1](#)
- Product spec: [108-1101](#)
- Application spec: [114-2111](#)
- Catalogue [1-1773701-9](#)
- Catalogue [1773096](#)

## PRODUCT OVERVIEW



## PERFORMANCE SPECIFICATION & STANDARDS

### PRODUCT RATING:

- **Current Rating:** 250A
- **Temperature Rating:** -55°C to +105°C

### PRODUCT CONFIGURATION:

- **Mating Tab Thickness:** 1.57mm
- **Configuration:** Right Angle (90°)
- **Termination:** Through Hole – Screw
- **PCB Thickness (Recommended) (mm):** 1.6mm

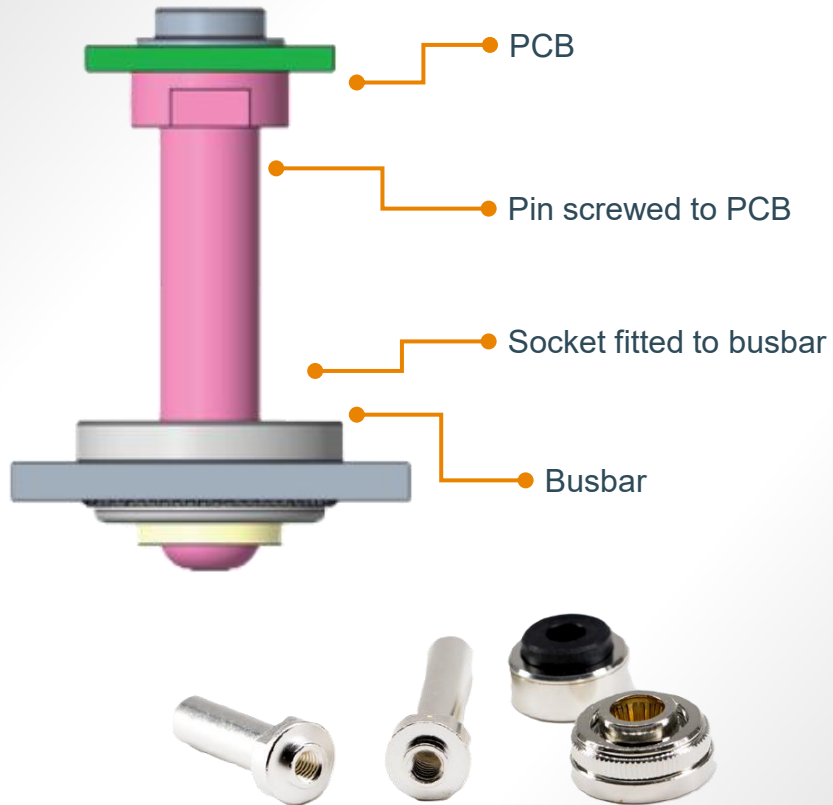
### KEY FEATURES:

- **Mating Alignment:** Blindmate

### SPECIFICATION:

- Customer Drawing: [104742-2](#)
- Product spec: [108-1380](#)
- Application spec: [114-2130](#)
- Catalogue [1-1773701-9](#)
- Catalogue [1773096](#)

## PRODUCT OVERVIEW



## PERFORMANCE SPECIFICATION & STANDARDS

### PRODUCT RATING:

- **Current Rating:** 200A
- **Temperature Rating:** -40°C to +105°C

### PRODUCT CONFIGURATION:

- **Configuration:** Vertical (180°)
- **Termination:** Through Hole – Screw
- **PCB Thickness (Recommended) (mm):** 2.0mm

### KEY FEATURES:

- **Mating Alignment:** Optional floating feature can provide +/- 1mm floating in radial direction

### SPECIFICATION:

- Customer Drawing: [2361493-1](#)
- Application spec: [114-128112](#)
- Catalogue: [6-1773983-2](#)

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# WHEN TECHNOLOGY CONNECTS, SO DOES HUMANITY.

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