

# THE CONNECTED HOME

INNOVATIVE SOLUTIONS

# OUR SOLUTIONS ENABLE YOU TO DESIGN THE HOME OF TOMORROW.

With our global network of engineers, TE Connectivity (TE) can help turn your vision for connected home applications into a reality. With a broad range of connectivity and sensor solutions for home appliances and devices, lighting, HVAC, security, and more, TE is the ideal partner to help you bring your products to market fast.



## 1 ENVIRONMENT SENSING



## 2 EQUIPMENT




## 3 ACTUATORS



## 4 CONTROLS



# FEATURED PRODUCTS



1.5mm Mini CT Connectors **2 3 4**

[Product Details](#)  
[Quick Reference Guide](#)



Economy Power (EP) 2.5mm Connectors **1 2 3 4**

[Product Details](#)  
[Quick Reference Guide](#)



IM Relays **2 4**

[Product Details](#)  
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P2 Relays **2 4**

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Eurostyle Terminal Blocks **2 3 4**

[Product Details](#)



Free Height Connectors, 0.5mm Pitch **2 4**

[Product Details](#)  
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T9A 30A Power PCB Relay **2 3**

[Product Details](#)  
[Data Sheet](#)




FSM / FSMMST Series Tactile Switches **1 2 3 4**

[Product Details](#)  
[Catalog](#)




High Performance Interconnect (HPI) Connectors **1 2 3 4**

[Product Details](#)  
[Quick Reference Guide](#)




Modular Screwless Terminal Blocks, 2.5/2.54/3.5/3.81mm Pitch, 1 Pc. PCB **1 2 3 4**

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GDH Series DIP Switch **1 2 3 4**

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S/SE Series Slide Switches **2 3 4**

[Product Details](#)  
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Modular Screwless Terminal Blocks, 5.0mm Pitch, 1 Pc. PCB **1 2 3 4**

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[Catalog](#)  
[Quick Reference Guide](#)



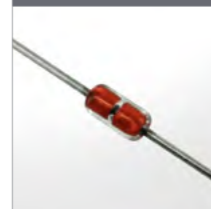
Power Triple Lock Connectors **2 3 4**

[Product Details](#)  
[Video](#)  
[Quick Reference Guide](#)




HTU21x Series Sensors **1 2 4**

[Product Details](#)



Leadless Chip, 44000 Series, DO-35 Packaged Probe Sensors **1 2 4**

[Product Details](#)



RAST 5 PCB Connectors **1 2 3 4**

[Product Details](#)  
[Flyer](#)  
[Catalog](#)



RJ45 Connectors **1 2 4**

[Product Details](#)  
[Catalog](#)



M-100 Minisense Vibration Sensors **1 3**

[Product Details](#)




M5200, U5300, US300, MSP300 Sensors **1 2**

[Product Details](#)



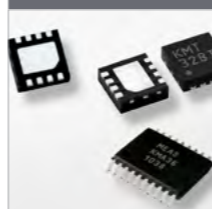
Signal Double Lock Connectors **1 2 3 4**

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Spring Fingers **1 2 3 4**

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[White Paper](#)



MS32, KMT32, KMA36 Linear and Rotary Sensors **1 3 4**

[Product Details](#)




MS45x5, MS5525DSO, MS5637, MS5611, MS5803 Sensors **1 2 4**

[Product Details](#)




Surface Mount (SMT) Antennas **1 2 3 4**

[Product Details](#)  
[Quick Reference Guide](#)  
[Catalog](#)



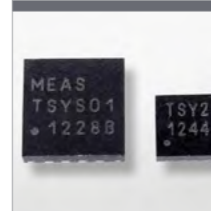
Tab Mount (Through Hole) Antennas **1 2 3 4**

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[Data Sheet](#)  
[Catalog](#)



MS8607 Sensors **1 2 4**

[Product Details](#)



TSYS01, TSYS02 Sensors **1 2 4**

[Product Details](#)

# INTERCONNECT

PRODUCT CATEGORY		APPLICATIONS				Max Current Rating (A)	Max Voltage Rating (V)	Operating Temperature Range (°C)	Pitch (mm)	# of Positions	PCB Mounting Style	Mated Height (mm)	Wire Gauge	Contact Interface Plating Options	Wire-to-Wire	Wire-to-Board	Board-to-Board
		Env. Sensing	Equipment	Actuators	Controls												
<b>COMPRESSIVE CONTACTS</b>																	
Spring Fingers	Spring Fingers	•	•	•	•	4	50 V	-40 to +85	N/A	N/A	SMT	1.0 - 4.3	N/A	Gold			•
Board-to-Board (1 pc)	Compressive Contacts	•	•	•	•	0.5	30 VAC	-55 to +85	0.7-2.0	N/A	SMT	0.7 - 3.15	N/A	Tin / Gold			•
<b>SIGNAL CONNECTORS</b>																	
Board-to-Board Connectors (2 pc)	Free Height Connectors, 0.5mm Pitch	•	•	•	•	0.5	50 VAC	-30 to +105	0.5	220 - 440	SMT	1.5 - 6	N/A	Gold			•
	Free Height Connectors, 0.8mm Pitch	•	•	•	•	0.5	100 VAC	-40 to +105	0.8	40 - 200	SMT	5 - 20	N/A	Gold			•
	AMPMODU Connectors, 1.27mm Pitch				•	1	133 V	-65 to +105	1.27	10 - 100	SMT / TH	N/A	N/A	Tin / Gold			•
	AMPMODU Connectors, 2.0mm Pitch				•	2	150 V	-55 to +105	2.0	1 - 100	SMT / TH	N/A	26 - 30	Tin / Gold			•
	AMPMODU Connectors, 2.54mm Pitch				•	3	250 V	-55 to +105	2.54	1 - 80	SMT / TH	N/A	20 - 32 AWG	Tin / Gold	•		•
Flexible Printed Circuit (FPC)	FPC Connectors, 0.25mm Pitch	•	•	•	•	0.2	50 VAC	-25 to +85	0.25	37 - 51	SMT	1.3	N/A	Gold			•
	FPC Connectors, 0.30mm Pitch	•	•	•	•	0.2	50 VAC	-25 to +85	0.3	25 - 71	SMT	0.9 - 1.3	N/A	Gold			•
	FPC Connectors, 0.50mm Pitch		•	•	•	0.5	50 VAC	varies	0.5	4 - 60	SMT / TH	0.9 - 4	N/A	Tin / Gold			•
	FPC Connectors, 1.0mm Pitch		•	•	•	0.5	50 VAC	varies	1	3 - 30	SMT / TH	0.9 - 4	N/A	Tin / Gold			•
	FPC Connectors, 1.25mm Pitch		•	•	•	0.5	50 VAC	varies	1.25	4 - 40	TH	0.9 - 4	N/A	Tin / Gold			•
Flat Flexible Cable (FFC)	FFC Contacts, 1.27 and 2.54mm Pitch		•	•	•	0.5	50 VAC	varies	1.27 & 2.54	2 - 70	N/A	0.9 - 4	N/A	Tin / Gold	•		•
Ribbon Cable Connectors	AMP-LATCH Ribbon Cable Connectors	•	•	•	•	1	50 VAC	-55 to +125	2.54	6 - 64	SMT / TH	varies	26 - 32	Tin / Gold			•
Wire-to-Board Connectors	Micro SLP Connector, 0.8mm Pitch		•	•	•	1	30 VAC	-25 to +85	0.8	2	SMT	1.4	32	Tin / Gold			•
	1.2mm Wire-to-Board Connectors	•				2	50 V	-25 to +85	1.2	2 - 6	SMT	1.4	28 - 30	Gold			•
	1.5mm Mini CT Connectors		•	•	•	1 - 3	50 VAC	-30 to +105	1.5	2 - 40	SMT / TH	varies	24 - 28	Tin / Gold	•		•
	2.0mm CT Connectors		•	•	•	1 - 4	125 VAC	-40 to +105	2.0	2 - 30	SMT / TH	varies	22 - 30	Tin / Gold	•		•
	High Performance Interconnect (HPI) Connectors	•	•	•	•	1 - 3	50 - 250 VAC	-40 to +105	1.00 - 2.50	2 - 40	SMT / TH	varies	22 - 32	Tin / Gold			•
	Economy Power (EP) 2.5mm Connectors	•	•	•	•	4	250 VAC	-55 to +105	2.5	2 - 40	TH	varies	20 - 26	Tin	•		•
	Signal Double Lock Connectors	•	•	•	•	3	50 VAC/VDC	-30 to +105	2.5	2 - 13	TH	varies	20 - 26	Tin	•		•
	MTA-100 CL (IDC) and CST II (crimp) Connectors	•	•	•	•	5	250 VAC	-55 to +105	2.54	2 - 28	SMT / TH	varies	20 - 26	Tin / Gold	•		•
<b>MEMORY</b>																	
Micro Secure Digital (SD)	Micro Secure Digital (SD) Memory Card Connectors	•			•	0.5	30 VAC	-25 to +85	1.1	12	SMT / TH	1.95	N/A	Gold			•
SIM Card Connectors	SIM Connectors, 1.5mm Height				•	1	30 VAC/VDC	-30 to +85	2.5	8	SMT / TH	0.3 - 2.6	N/A	Gold			•
<b>INPUT/OUTPUT</b>																	
USB Connectors	Type A Receptacle	•	•	•	•	N/A	30 VAC	-55 to +85	multiple	4,8,9,12,16	SMT / TH	N/A	N/A	Gold			
	Type B Receptacle	•	•	•	•	N/A	30 VAC	-55 to +85	multiple	4	SMT / TH	N/A	N/A	Gold			
	Type C Receptacle	•	•	•	•	5	20 V	-30 to +85	0.5	14, 24	SMT	varies	N/A	Gold	•		
	Mini USB Connectors	•	•	•	•	1.8	N/A	-65 to +85	0.65	5	SMT	N/A	N/A	Gold			•
	Micro USB Connectors	•	•	•	•	1.8	N/A	-65 to +85	multiple	5	SMT	varies	N/A	Gold			
RF Connectors	RF BNC Connectors	•	•	•	•	N/A	1500 VAC	-65 to +85	single	1	TH	varies	varies	Gold	•		•
	RF SMA Connectors	•	•	•	•	N/A	1500 VAC	-65 to +165	single	1	TH	varies	varies	Gold	•		•
Modular Jack	RJ45 (8 pos/8 contacts)	•	•	•	•	Signal App Only	150 VAC	-40 to +85	2.54	N/A	N/A	varies	N/A	Gold	•		
<b>BATTERY</b>																	
Battery Connectors	5A Low Profile Battery Connectors		•		•	5	30 VDC	-40 to +85	2.5	4	SMT	N/A	N/A	Gold			•
Coin Cell Holder	CR2032 Coin Cell Battery Holder	•	•	•	•	1	30-250 VAC	-55 to +105	N/A	N/A	N/A	N/A	N/A	Tin			•
<b>TERMINAL BLOCKS</b>																	
Eurostyle Terminal Blocks	5.0 / 5.08mm Pitch, 2 Piece Wire-to-Board		•	•	•	15	250-300	-40 to +110	5 / 5.08	2 - 24	STH	varies	varies	Tin	•		•
	3.5 / 3.81mm Pitch, 2 Piece Wire-to-Board	•	•	•	•	11	250-300	-40 to +110	3.5 / 3.81	2 - 24	STH	varies	varies	Tin			•
	5.0 / 5.08mm Pitch, 1 Piece PCB				•	15	250-300	-40 to +110	5 / 5.08	2 - 24	STH	varies	varies	Tin			•
	2.54 / 3.5 / 3.81mm Pitch, 1 Piece PCB	•	•	•	•	10-12	150	-40 to +110	2.54 / 3.5 / 3.81	2 - 24	STH	varies	varies	Tin			•
Modular Screwless Terminal Blocks	2.5 / 2.54 / 3.5 / 3.81mm Pitch, 1 Piece PCB	•	•	•	•	6	300 VAC	-40 to +105	2.5 / 2.54 / 3.5 / 3.81	2 - 8	TH	N/A	N/A	Tin			•
	5.0mm Pitch, 1 Piece PCB	•	•	•	•	8	300 VAC	-40 to +105	5.0	2 - 8	TH	N/A	N/A	Tin			•
Barrier Blocks	Dual-Barrier Strips 0.250" / 0.325" / 0.375" Pitch		•			10-20	150 / 300 / 600	-40 to +105	0.250" / 0.325" / 0.375" / 0.4375"	2 - 30	TH	N/A	varies	Tin			
	Tri-Barrier Strips 0.250" / 0.325" / 0.375" Pitch		•	•		10-30	300/600	-40 to +105	0.250" / 0.325" / 0.375" / 0.4375"	2 - 30	TH	N/A	varies	Tin			
<b>POWER CONNECTORS</b>																	
RAST-Compliant Wire-to-Board	2.5mm Connectors	•	•	•	•	2/6	50V/250 VAC	-40 to +110	2.5	3 - 15	TH	varies	22 - 12	Tin / Silver	•		•
	5mm Connectors	•	•	•	•	10/16	250 VAC	-40 to +130	5	2 - 8	TH	varies	24 - 18	Tin / Silver	•		•
Power 2 Piece Wire-to-Wire / Wire-to-Board	Universal MATE-N-LOK Connectors	•	•	•	•	19	600 VAC	-55 to +125	6.35	1 - 15	TH	varies	30 - 10	Tin / Gold	•		•
	Micro MATE-N-LOK Connectors	•	•	•	•	5	250 VAC	-40 to +105	3.0	2 - 24	TH / SMT	varies	30 - 18	Tin / Gold	•		•
	Mini Universal MATE-N-LOK Connectors	•	•	•	•	9.5	600 VAC	-55 to +105	4.14	2 - 15	TH	varies	30 - 16	Tin / Gold	•		•
	Power Double Lock Connectors	•	•	•	•	14	50 (3.96WTB) - 300 VAC	-30 to +105	3.96, 6.2, 7.95	1 - 12	TH	varies	26 - 18	Tin	•		•
	Economy Power (EP) II Connectors	•	•	•	•	10	600 VAC	-55 to +105	3.96	2 - 12	TH	varies	22 - 18	Tin			•
	VAL-U-LOK Connectors	•	•	•	•	9	600 VAC	-40 to +105	4.2	2 - 24	TH	varies	26 - 16	Tin	•		•
	Universal Power Connectors	•	•	•	•	14	300 VAC	-30 to +105	3.96, 6.2, 7.95	1 - 18	TH	varies	26 - 16	Tin	•		•
	Power Triple Lock Connectors	•	•	•	•	20	600 VAC/VDC	-55 to +105 / -55 to +150	6.0	2 - 15	TH	varies	22 - 12	Tin	•		•
Terminals & Splices	FASTON Terminals Connectors	•	•	•	•	48	600A	-40 to +250	N/A	N/A	TH	N/A	26 - 8	Tin / Nickel			•
	Positive Lock Receptacles	•	•	•	•	48	600A	-40 to +105	N/A	N/A	N/A	N/A	24 - 10	Tin			•
	FASTIN FASTON Receptacles	•	•	•	•	48	600A	-40 to +105	N/A	1 - 8	N/A	N/A	24 - 10	Tin	•		•
	Ultra-Fast Receptacles	•	•	•	•	48	600A	-40 to +105	N/A	N/A	N/A	N/A	26 - 10	Tin			•
	Open Barrel Rings / Spades	•	•	•	•	N/A	N/A	-40 to +250	N/A	N/A	N/A	N/A	26 - 6	Tin / Nickel			•
	MAG-MATE Terminals	•	•	•	•	varies	varies	-65 to +150	N/A	N/A	N/A	N/A	52 - 12	Tin	•		•
Magnet Wire Terminations	AMPLIVAR Splices	•	•	•	•	varies	varies	-65 to +150	N/A	N/A	N/A	N/A	24 - 6.5	Tin / Gold	•		•
	Cluster Block Terminals	•	•	•	•	varies	varies	-65 to +150	N/A	N/A	N/A	N/A	18 - 12	N/A	•		•
	Cluster Block Housing	•	•	•	•	varies	varies	-65 to +150	N/A	N/A	N/A	N/A	18 - 12	Tin	•		•
	Siameze Terminals	•	•	•	•	varies	varies	-65 to +150	N/A	N/A	N/A	N/A	36 - 12	Tin / Silver	•		•

# ANTENNAS

PRODUCT CATEGORY		APPLICATIONS				Application	Frequency Band	Connection Type	Mounting Style	Bands	Antenna Type	Packaging
		Env. Sensing	Equipment	Actuators	Controls							
Antennas	Surface Mount (SMT) Antennas	•	•	•	•	Bluetooth   WLAN   ZigBee   Wi-Fi   LTE   ISM   GSM   CDMA 850   GSM 900   GSM 1800   CDMA 1900   UMTS   IoT	169   700   868   800   850   900   914   1575   1800   1900   2100   2300   2400   2700   5000   2.4GHz   5GHz	SMT	SMT	Single   Dual   Triple   Quad   Penta   Allband	Stamped   PCB   FPC   Chip   Enclosure	Tape & Reel
	Tab Mount (Through Hole) Antennas	•	•	•	•	Bluetooth   WLAN   ZigBee   Wi-Fi   LTE   ISM   GSM   CDMA 850   GSM 900   GSM 1800   CDMA 1900   UMTS   IoT	169   700   868   800   850   900   914   1575   1800   1900   2100   2300   2400   2700   5000   2.4GHz   5GHz	Tab	Tab	Single   Dual   Triple   Quad   Penta   Allband	PCB	Bulk   Tray
	Cabled Antennas	•	•	•	•	Bluetooth   WLAN   ZigBee   Wi-Fi   LTE   ISM   GSM   CDMA 850   GSM 900   GSM 1800   CDMA 1900   UMTS   IoT	169   700   868   800   850   900   914   1575   1800   1900   2100   2300   2400   2700   5000   2.4GHz   5GHz	IPEX   MCIS   u.fl   MHF   MHF4   MHF4L   SMA   SMA-RP	Panel   Chassis   Adhesive   Clip	Single   Dual   Triple   Quad   Penta   Allband	Stamped   PCB   FPC   Enclosure	Bulk   Tray
	External Antennas	•	•	•	•	Bluetooth   WLAN   ZigBee   Wi-Fi   IoT	2400   5000   2.4GHz   5GHz	IPEX   MCIS   u.fl   MHF   MHF4   MHF4L   SMA   SMA-RP	Chassis   Panel   SMA   SMA-RP	Single   Dual	Enclosure	Bulk

# RELAYS

PRODUCT CATEGORY		APPLICATIONS				Contact Form	Number of Poles	Current Capability	Terminal Type	Coil Voltage	Coil Options	Size	Switching Power Rating	Endurance (cycles)
		Env. Sensing	Equipment	Actuators	Controls									
Low Power PCB	Power PCB Relay RT1 Inrush Power	•	•	•	•	A	1	16A	THT	5 - 110 VDC	Mono / Bistable 1 or 2 coils	29.1 x 12.7 x 15.7 / 16mm + special	4000VA	100K
	Power PCB Relay RT1 Inrush	•	•	•	•	A, C	1	16A	THT	5 - 60 VDC	Mono / Bistable 1 or 2 coils	29 x 12.7 x 15.7mm	4000VA	Form A 50K
	RZ AgSnO Power PCB Relay	•	•	•	•	A, C	1	16A	THT	3 - 48 VDC	Monostable	29 x 12.7 x 15.7mm	4000VA	Form A 30K
	RT1 Power PCB Relay	•	•	•	•	A, C	1	12/16A	THT / THR (DC&AC)	5 - 100 VDC / 24 - 230 VAC	Mono / Bistable 1 or 2 coils	29 x 12.7 x 15.7mm	3000 / 4000VA	Form A 30K
	PE Power PCB Relay	•	•	•	•	A, C	1	5A	THT	2.2 - 48 VDC	Mono / Bistable 1 coil	20 x 10 x 10	1250 VA	100K
	RYII Power PCB Relay	•	•	•	•	A, B, C	1	8A	THT / THR	5 - 60 VDC	230mW Monostable	28.5 x 10.1 x 12.3	2000 VA	Form A 100K
	PCJ Miniature PCB Relay	•	•	•	•	A	1	3A/5A (WG)	THT	5 - 24 VDC	200mW	20 x 4.7 x 15mm	750AV / 1250 VA (WG)	100K
	SNR Miniature PCB Relay	•	•	•	•	A, C	1	6A	THT	5 - 48 VDC	170mW Monostable	28 x 5 x 15mm	1500 VA	Form AC 5K
	RE Power PCB Relay	•	•	•	•	A	1	6A	THT	5 - 48 VDC	2000mW Monostable	20 x 10 x 10.6mm	1500 VA	100K
	RTX Power PCB Relay	•	•	•	•	A	1	16A	THT	5 - 48 VDC	Bistable 1 or 2 coils	29.1x12.7x16mm	4000 VA	30K
	SSR Relay	•	•	•	•	A, 2A, 4A	1, 2, 4	125A Max.	Screw / THT / Socket	N/A	N/A	varies	125A / 660 VAC Max.	1,000K
	OJ Miniature PCB Relay	•	•	•	•	A	1	3, 5, 8, 10A	THT	3 - 48 VDC	450mW, 200mW Mono	18.2 x 10.2 x 14.7mm	720 - 2500 VA / 90 - 240 W	100K
	OJE Miniature PCB Relay	•	•	•	•	A	1	3, 5, 8, 10A	THT	3 - 48 VDC	450mW, 200mW Mono	18.2 x 10.2 x 14.7mm	720 - 2500 VA / 90 - 240 W	100K
	OMIH 16 Amp Mini PCB Relay	•	•	•	•	A, C	1	10A/16A	THT	5 - 48 VDC	540mW (sensitive), 720mW	29.2 x 12.8 x 20.6mm	2500 VA/300W 4000VA/480W	100K
	RF-FASTON Power PCB Relay	•	•	•	•	A, B	1	16A	THT/QC <sup>2</sup>	5 - 60 VDC	400mW	40.5 x 12.7 x 16mm	4000 VA	100-250K (load dependant)
High Power PCB	Power Latching Relay EW80	•	•	•	•	A	1	80A	THT/LUG	5 - 24 VDC	Bistable, 1W	36.8 x 17.2 x 30.4mm	20000 VA	25K
	Miniature Relay PCF	•	•	•	•	A	1	25A	THT/QC <sup>2</sup> (#250)	6 - 24 VDC	900mW, 1W	30.4 x 16 x 26.5mm	6370 VA	100K
	T9A 30A Power PCB Relay	•	•	•	•	A, B, C	1	30A	THT/QC <sup>2</sup>	5 - 110 VDC	900mW, 1W	32.5 x 27.4 x 20.4mm (THT)	7500 VA	100K
Signal Relay	P2 Relay	•	•	•	•	C	2	2A	THT, SMT	2.4 - 24 VDC	70 - 200mW	14.5 x 7.2 x 10.4mm, stand. 14.5 x 7.2 x 9.9mm, overm.	60W / 62.5 VA	Mechanical 10 <sub>6</sub> operations
	IM Relay	•	•	•	•	C	2	2/5A	THT, SMT	1.5 - 24 VDC	50 - 200mW	10 x 6 x 5.65mm	60W / 62.5 VA	Mechanical 10 <sub>6</sub> operations

# SWITCHES

PRODUCT CATEGORY		APPLICATIONS				Number of Positions	Terminal Style	Actuation Force (gf)	Voltage (DC)	Actuator Length	Current Rating (A)	Packaging	Size	Sealed
		Env. Sensing	Equipment	Actuators	Controls									
		1	2	3	4									
Tactile Switch	FSM / FSMMST Series Tactile Switch	•	•	•	•	1	THT   SMT	100   160   260	24	3.4 - 18.6mm	0.05	Tube   Tape & Reel	6x6mm	Yes   No
DIP Switch	GDH Series DIP Switch	•	•	•	•	2 - 10	SMT	600	50	Flush	0.1	Tube   Tape & Reel	2.54mm spacing	Yes
	ADE Series DIP Switch	•	•	•	•	2 - 12	THT   SMT	800	24	1mm	1	Tube   Tape & Reel	2.54mm spacing	Yes
	DIP Shunt	•	•	•	•	2 - 12	THT   SMT	N/A	24	Flush	1	Tube   Tape & Reel	2.54mm spacing	No
Slide Switch	S / SE Series Slide Switch	•	•	•	•	2 - 3	THT	70 - 500	48	2.8mm	0.05	Tray	9.5mm	Yes
	MLL Series Slide Switch	•	•	•	•	2 - 3	SMT	175	20	1.5mm	0.3	Tube   Tape & Reel	9.7mm	No

# PASSIVES

PRODUCT CATEGORY		APPLICATIONS				Size	Inductance   Impedance   Resistance	Tolerance	Current Rating   DCR   TCR	Packaging	Power Rating
		Env. Sensing	Equipment	Actuators	Controls						
		1	2	3	4						
High Frequency Inductor	Thin Film - 3640 Inductor	•	•	•	•	0201 - 0402	INDUCTANCE 0.1nH - 33nH	0.1-0.3nH / 1 - 5%	CURRENT RATING 75mA - 800mA	Tape & Reel	--
	Wirewound - 3650 Inductor	•	•	•	•	0402 - 1008	1.0nH - 15,000nH	0.2nH - 0.5nH / 2% - 10%	100mA - 2300mA	Tape & Reel	--
	Multilayer - 3671 Inductor	•	•	•	•	0201 - 0805	1.0nH - 470nH	0.3nH, 5%, 10%	50mA - 1000mA	Tape & Reel	--
Ferrite Chip Beads	Multilayer Ferrite Beads - Type BMB Series	•	•	•	•	0402 - 1206	IMPEDENCE 10Ω - 2700Ω	25%	DCR 0.01 - 1.50	Tape & Reel	--
Power Chip Resistor	Thick Film Resistor - 3520 Series	•	•	•	•	2512	RESISTANCE 1R0 - 1M0	5%	TCR 350PPM, 200PPM	Tape & Reel	1W
	Thick Film Resistor - 3521 Series	•	•	•	•	2512	1R0 - 1M0	1%	100PPM, 200PPM	Tape & Reel	2W
	Thick Film Resistor - 3522 Series	•	•	•	•	2512	10R - 10M	1% 5%	100PPM, 200PPM	Tape & Reel	3W

# SENSORS

PRODUCT CATEGORY		APPLICATIONS				Accuracy	Range	Operating Temperature Range	Stability	Time Response	SMD	Pressure Type	Output Type
		Env. Sensing	Equipment	Actuators	Controls								
		1	2	3	4								
<b>TEMPERATURE</b>													
NTC Thermistor	Leadless Chip, 44000 Series, DO-35, Packaged Probe Sensors	•	•	•	•	±1.0°C	-40 to +250°C	-40 to +250°C	1 to 10 Sec	•	N/A	N/A	R
RTD Temperature Sensor	Wirewound - 3650, Thickfilm - 12552, Packaged Probe Sensors	•	•	•	•	±0.2°C	-40 to +800°C	-40 to +800°C	1 to 10 Sec	•	N/A	N/A	R
Thermocouple	202-M Plug & Play, 600 Series Micro, 211 Series Probe Sensors	•	•	•	•	±2.0°C	-40 to +1800°C	-40 to +1800°C	1 to 10 Sec	•	N/A	N/A	V
Non-contact Thermopile	TS105/318 Component, TSEV Series Module Sensors	•	•	•	•	±3.0°C	-40 to +2000°C	-40 to +2000°C	5 mSec	•	N/A	N/A	V
Digital Temperature Sensor	TSYS01, TSYS02 Sensors	•	•	•	•	±1.0°C	-40 to +125°C	-40 to +125°C	1 to 10 Sec	•	N/A	N/A	D
<b>HUMIDITY</b>													
Humidity Component   Module	HS1101LF Sensors	•	•	•	•	±3%	0 to 100%	-60 to +140°C	10 Sec	•	±0.5% RH/yr	N/A	C
Digital Humidity Sensor	HTU21x Series Sensors	•	•	•	•	±3%	0 to 100%	-40 to +125°C	10 Sec	•	±0.5% RH/yr	N/A	D
<b>PRESSURE</b>													
Board Level Pressure	MS45x5, MS5525DSO, MS5637, MS5611, MS5803 Sensors	•	•	•	•	±2%	0.07 to 300psi	-40 to +125°C	1 mSec	•	±1%FS/yr	G, A, D, C, V	R, A, D
Transducer   Transmitter	MS200, US300, US300, MSP300 Sensors	•	•	•	•	±1%	50 to 30,000psi	-40 to +125°C	1 mSec	•	±1%FS/yr	G, D	R, A, D
Pressure Capsule	Model 82, 85, 86, 89, 154 Sensors	•	•	•	•	±1%	1 to 300psi	-40 to +125°C	1 mSec	•	±1%FS/yr	G, A, S, V	M, R, V, D
<b>POSITION</b>													
Magneto Resistive Sensor	MS32, KMT32, KMA36 Linear and Rotary Sensors	•	•	•	•	±0.3°C	0 to +360°	-40 to +150°C	1 mSec	•	N/A	N/A	M, V, D
Liquid Level Sensor	LS, VS, OS Series Sensors	•	•	•	•	±3%	Binary On   Off	-30 to +130°C	Instant	•	Infinite	N/A	S
Proximity Switch	PS1, PS2, PS4, PSS Series Sensors	•	•	•	•	±2%	Binary On   Off	-30 to +130°C	Instant	•	Infinite	N/A	S
<b>VIBRATION</b>													
Piezoelectric Film	M-100 Minisense Vibration Sensors	•	•	•	•	±10%	0 to 40 Hz	-40 to +60°C	100 mSec	•	±1%/yr	N/A	V
<b>COMBINATION</b>													
Pressure   Temperature   Humidity	MS8607 Sensors	•	•	•	•	±1%	10 to 2000mBar 0 to 100% RH	-40 to +85°C	1 Sec	•	N/A	A	D
<b>FORCE</b>													
Load Cell	FX1901, FS20, FC22, FC23 Sensors	•	•	•	•	±2%	2.0 to 2000lbf	-40 to +85°C	1 mSec	•	±1%/yr	N/A	M, A, D
<b>FLOW</b>													
Reed Switch and Magnet	FS, FCS Series Sensors	•	•	•	•	±3%	Binary On / Off	-30 to +130°C	Instant	•	Infinite	N/A	S

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