



1.2 MM PITCH AMP MICRO CT CONNECTOR SERIES

QUICK REFERENCE GUIDE

TE Connectivity's (TE) AMP Micro CT connector series has superior performance in its harness making capability. A variety of harness-making machines are available ranging from hand tools for low volume production to high-speed automatic crimping machines for medium to high volume productions. TE's new AMP Micro CT connectors and cable assemblies can provide an economical wire routing solution for power or signal needs, potential printed circuit board space savings, efficiency improvements and superior performance. AMP high-speed automatic crimping machines are easier to operate, helping eliminate the need for tedious work of changing parts inside the equipment to adapt to changes in harness styles.

FEATURES AND BENEFITS

- Smaller footprint
- Efficiency optimizations
- Expansive range of configurations
- Superior performance
- Cost effective
- IDC termination
- Discrete wire interconnect
- Circuits range from 2-25 single row
- AWG 26-28
- RoHS compliant
- UL/CSA Listed: File E28476

PRODUCT APPLICATIONS

- Business Equipment
- Industrial Machines
- PC
- Printer
- Fax
- C-TV
- Audio
- Air conditioner
- Where signals and power are routed



PCB SIDE CONNECTORS (SINGLE ROW + DUAL ROW)

AMP MICRO CT CONNECTORS



AMP MICRO CT CONNECTOR PART NUMBERS

	PN	Position to Dash																							
Receptacle	2355088	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
		-2	-3	-4	-5	-6	-7	-8	-9	-10	-11	-12	-13	-14	-15	-16	-17	-18	-19	-20	-21	-22	-23	-24	-25
Header	2355091	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
		-2	-3	-4	-5	-6	-7	-8	-9	-10	-11	-12	-13	-14	-15	-16	-17	-18	-19	-20	-21	-22	-23	-24	-25

For single digit position to dash numbers, attach the digit to the end base number. For double digit position to dash numbers, attach the first digit to the front of the part number, add a dash and the base part number, then follow the base part number with a dash and the second digit. **For example, a 12 position receptacle would be 1-2355088-2.**

RATINGS					
				Operating Current (Amperes)	
Application Spec	Product Spec	Voltage	Temperature	26 AWG	28 AWG
114-78056	108-140232	50	-30°C to +85°C	2A	1A

TOOLING OPTIONS			
Connector PN	Tooling PN	Description	Instruction Sheet
2355088	2388630-1	AMP Micro CT MT Pistol-grip Tool	408-78199
2355088	2374779-1	Manual Bench Top Tool	408-78211
2355088	2388700-X	Fully Automatic DECAM 7A Machine	409-78024

TCPN of DECAM 7A MACHINE		
TCPN	Application connector	Harness checker
2388700-1	No2: AMP Micro CT - No1: AMP Mini CT	No
2388700-2	No2: AMP Micro CT - No1: AMP CT	No
2388700-3	-	No
2388700-4	No2: AMP Micro CT - No1: AMP Mini CT	Yes
2388700-5	No2: AMP Micro CT - No1: AMP CT	Yes
2388700-6	-	Yes

FREQUENTLY ASKED QUESTIONS

Q: Can this new product run on the application tooling I already have?

A: TE Connectivity has developed new tooling for the AMP Micro CT products include a pistol-grip hand tool, a bench press, and a fully-automatic DECAM 7A machine which is backwards-compatible with AMP CT and AMP Mini CT.

Q: What are the differences between AMP CT, AMP Mini CT and AMP Micro CT products?

A: AMP CT products have a 2.0 mm pitch, offer crimp and MT termination, and 22-30 AWG compatibility
AMP Mini CT products have a 1.5 mm pitch, offer crimp and MT termination, and 22-30 AWG compatibility
AMP Micro CT products have a 1.2 mm pitch and 26-28 AWG compatibility

Q: What are my tooling options?

A: TE offers manual pistol-grip tooling, bench-top manual presses and fully-automated DECAM equipment. For more information, visit te.com or call the Tooling Assistance Center at 800-722-1111 or 717-810-2082.

Q: What are the differences between AMP Micro CT and HPI products?

A: HPI product as an industry-standard design can be a drop-in replacement for many different competitive products. AMP Micro CT is based on a proprietary TE design which offer excellent value especially considering total applied cost.

Q: How should I think about pricing / total applied cost?

A: AMP Micro CT housings use mass termination, decreasing assembly time and cost for our customers.

Q: What gauge wires (AWG) are available?

A: TE's AMP Micro CT product accepts 26-28 AWG discrete wire. Remember that the higher the AWG measurement number, the smaller the discrete wire. For example, 28 AWG is smaller than 26 AWG will have less current carrying capacity.

FOR MORE INFORMATION

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