

# AMP MICRO CT CONNECTOR SERIES

## QUICK REFERENCE GUIDE

The 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 Micro CT connectors and cable assemblies can provide an economical wire routing solution for power or signal needs, optimizing printed circuit board space savings, efficiency improvements and superior performance. AMP high-speed automatic crimping machines are easy to operate, eliminating 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

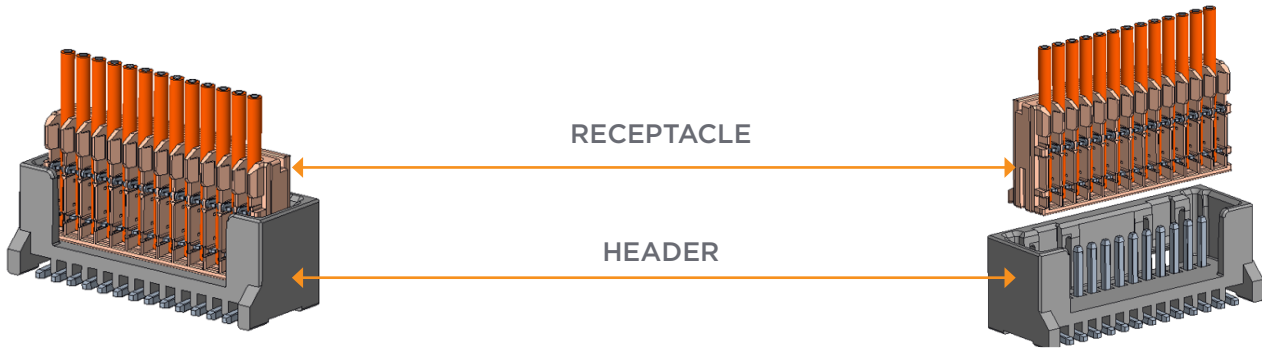
## PRODUCT APPLICATIONS

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



# PCB SIDE CONNECTORS (SINGLE ROW + DUAL ROW)

## AMP MICRO CT



## 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 (Amps)	
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	Application Spec
2355088	2374779-1	Manual Bench Top Tool	TBD
2355088	TBD	Fully Automatic DECAM	TBD
2355088	2388630-1	Pistol-grip Micro CT MT Tool	114-78056

TCPN of DECAM 7A		
TCPN	Application connector	Harness checker
2388700-1	No2:Micro CT - No1:Mini CT	Without
2388700-2	No2:Micro CT - No1:CT	Without
2388700-3	-	Without
2388700-4	No2:Micro CT - No1:Mini CT	With checker
2388700-5	No2:Micro CT - No1:CT	With checker
2388700-6	-	With checker

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## FREQUENTLY ASKED QUESTIONS

**Q: Can this new product run on the application tooling I already have? AMP Micro CT cannot run on existing tooling.**

**A:** Manual bench tools are currently available and fully-automated DECAM machines will be available in December 2021.

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

**A:** CT has a 2mm pitch, Mini CT 1.5mm, and Micro CT 1.2mm

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

**A:** HPI is an industry-standard design and is a drop-in replacement for many different competitive products but AMP CT has a lower-applied cost.

**Q: Why 1.20mm pitch vs 1.25mm?**

**A:** The 1.20mm pitch offers greater space-savings than 1.25mm pitch offerings.

**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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