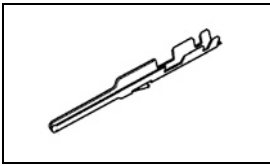


102107-1 Product Details

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102107-1

TE Internal Number: 102107-1

Active

View 3D PDF

.100 AMPMODU Headers, Housings & Contacts

Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

- Contact
- Contact Type = Pin
- Crimp Termination Method to Wire/Cable
- Applies To Wire/Cable
- Wire Insulation Diameter = 1.55 mm

[View all Features](#)

Quick Links

- ▶ [Pricing & Availability](#)
- ▶ [Search for Tooling](#)
- ▶ [Product Feature Selector](#)
- ▶ [Contact Us About This Product](#)

[Add to My Part List](#) [Request Sample](#) [Find Similar Products](#) [Buy Product](#)

Documentation & Additional Information

Product Drawings:

- [CONTACT, PIN, MOD IV, LOOSE PIECE](#) (PDF, English)

Catalog Pages/Data Sheets:

- [AMP MODU IV & V Section of Catalog 1307819](#) (PDF, English)
- [AMPMODU_INTERCONNECTION_SYSTEM_SECTION5_CONT](#) (PDF, English)

Product Specifications:

- None Available

Application Specifications:

- [AMPMODU Mod. IV Pin Contacts](#) (PDF, English)

Instruction Sheets:

- None Available

CAD Files: (CAD Format & Compression Information)

- [2D Drawing](#) (DXF, Version C)
- [3D Model](#) (IGES, Version C)
- [3D Model](#) (STEP, Version C)

[List all Documents](#)

Additional Information:

- [Product Line Information](#)

Related Products:

- [Tooling](#)

Product Features (Please use the Product Drawing for all design activity)

Product Type Features:

- Product Type = Contact
- Wire Insulation Diameter (mm [in]) = 1.55 [0.061]
- [Connector Series](#) = Mod IV
- With Insulation Support = Yes
- Applied Pressure = Standard

Electrical Characteristics:

- Contact - Rated Current (A) = 3
- Voltage Rating (VAC) = 250
- Termination Resistance (mΩ) = 12
- Insulation Resistance (MΩ) = 5,000
- Dielectric Withstanding Voltage (V) = 750

Termination Features:

- [Termination Method to Wire/Cable](#) = Crimp

Body Features:

- [Wire Range](#) (mm [AWG]) = 0.12-0.40² [26-22]

Contact Features:

- Contact Type = Pin
- [Contact Plating, Mating Area, Material](#) = Gold (15)
- Solder Tail Contact Plating = Gold Flash over Nickel
- Contact Base Material = Phosphor Bronze

Industry Standards:

- [RoHS/ELV Compliance](#) = RoHS compliant, ELV compliant
- [Lead Free Solder Processes](#) = Not relevant for lead free process
- RoHS/ELV Compliance History = Always was RoHS compliant
- Approved Standards = CSA LR7189

Environmental:

- Operating Temperature (°C) = -65 - +105

Conditions for Usage:

- [Applies To](#) = Wire/Cable

Packaging Features:

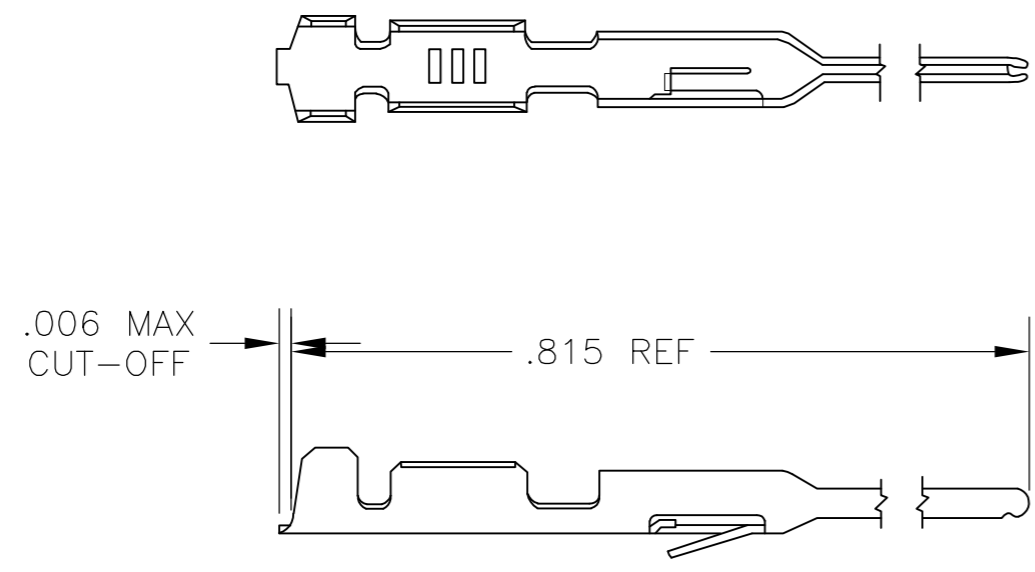
- Packaging Method = Loose Piece

Other:

- Brand = AMP
- Comment = (*) For use with Model "K" machines. Call the Technical Assistance Center (1-800-522-6752) for part numbers of applicators for use with Model "G" machines, as well as other bench machines and fully automatic AMPOMATOR lead making machines.

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LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
AD	00	B1	REVISED PER ECO-11-004820	11MAR11	RK HMR



1. LOOSE PIECE CONTACTS MUST MEET ALL APPLICABLE STRIP SPECIFICATIONS IN ADDITION TO THOSE SHOWN

- △2 GOLD FLASH OVER .000050 NICKEL ENTIRE CONTACT, .000015 GOLD ON CONTACT AREA
- △3 GOLD FLASH OVER .000050 NICKEL ENTIRE CONTACT, .000030 GOLD ON CONTACT AREA
- △4 .000100-.000200 BRIGHT TIN OVER .000030 NICKEL
- △5 .000100-.000200 MATTE TIN OVER .000030 NICKEL

△5	5-102095-4	5-102107-3
△4	102095-4	102107-3
△3	102095-3	102107-2
△2	102095-2	102107-1
FINISH	STRIP PART NO	PART NO

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	18 APR 79		
		CHK	24 APR 79		
		APVD	26 APR 79		
		NAME			
DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED:	PRODUCT SPEC		CONTACT, PIN, MOD IV, LOOSE PIECE	
	0 PLC ± -	APPLICATION SPEC		SIZE	CAGE CODE
	1 PLC ± -			A2	00779
	2 PLC ± -			DRAWING NO	RESTRICTED TO
	3 PLC ± -			C=102107	
	4 PLC ± -			SCALE	SHEET
	ANGLES ± -			4:1	1 of 1
MATERIAL	FINISH	WEIGHT		REV	B1
PHOS BRONZE	SEE TABLE				
CUSTOMER DRAWING					