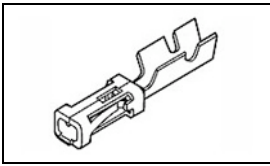


87666-2 Product Details

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87666-2

TE Internal Number: 87666-2

Active

[View 3D PDF](#)

.100 AMPMODU Headers, Housings & Contacts

Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

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

[View all Features](#)

Quick Links

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- ▶ [Product Feature Selector](#)
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Documentation & Additional Information

Product Drawings:

- [CONTACT, FEMALE MOD IV, CRIMP SNAP-IN](#) (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:

- [PRODUCT SPECIFICATION INTERCONNECTION SYSTEM, AMPMOD...](#) (PDF, English)
- [PRODUCT SPECIFICATION INTERCONNECTION SYSTEM, AMPMOD...](#) (PDF, Japanese)

Application Specifications:

- [AMPMODU MOD IV, IV1/2, and V Receptacles and Housings](#) (PDF, English)

Instruction Sheets:

- None Available

CAD Files: (CAD Format & Compression Information)

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

[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
- Crimp Area Plating = Gold Flash

Body Features:

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

Contact Features:

- Contact Type = Socket
- Contact Plating, Mating Area, Material = Gold (30)
- Contact Base Material = Beryllium Copper

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 = UL E28476, CSA LR7189

Environmental:

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

Conditions for Usage:

- Applies To = Wire/Cable

Packaging Features:

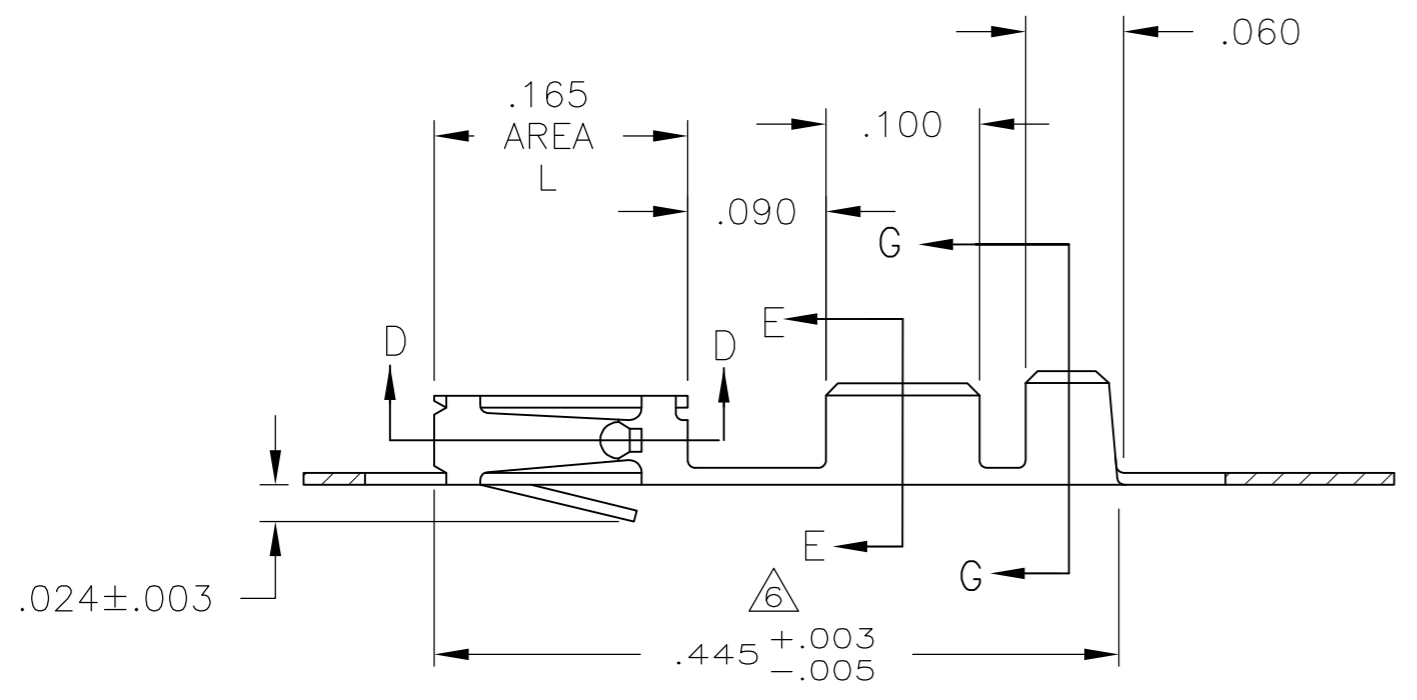
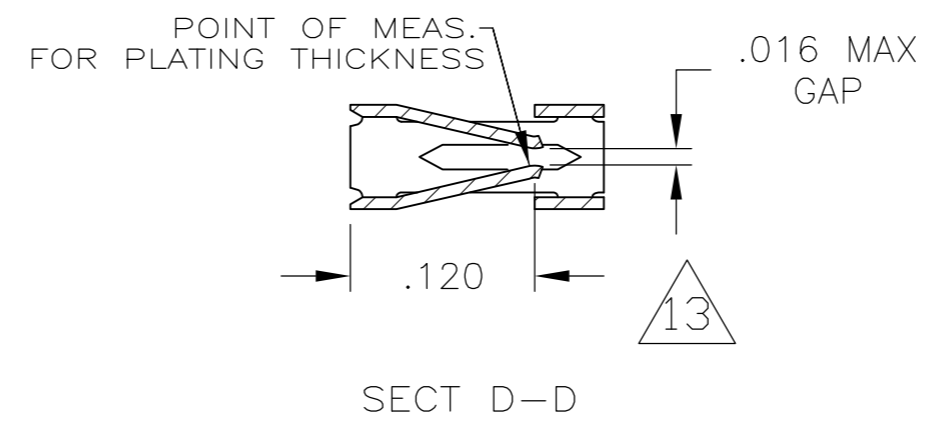
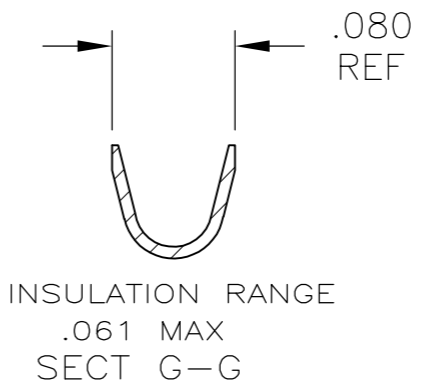
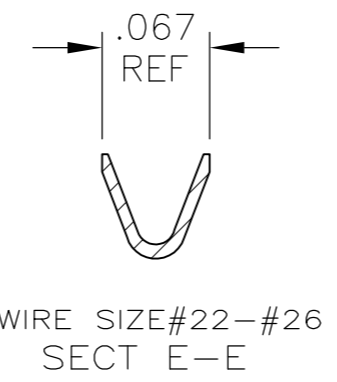
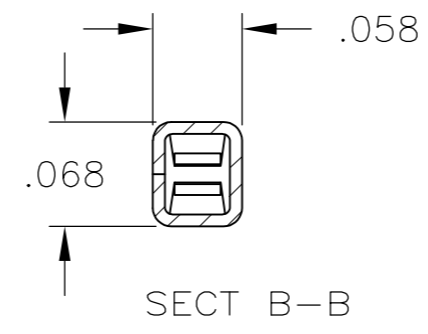
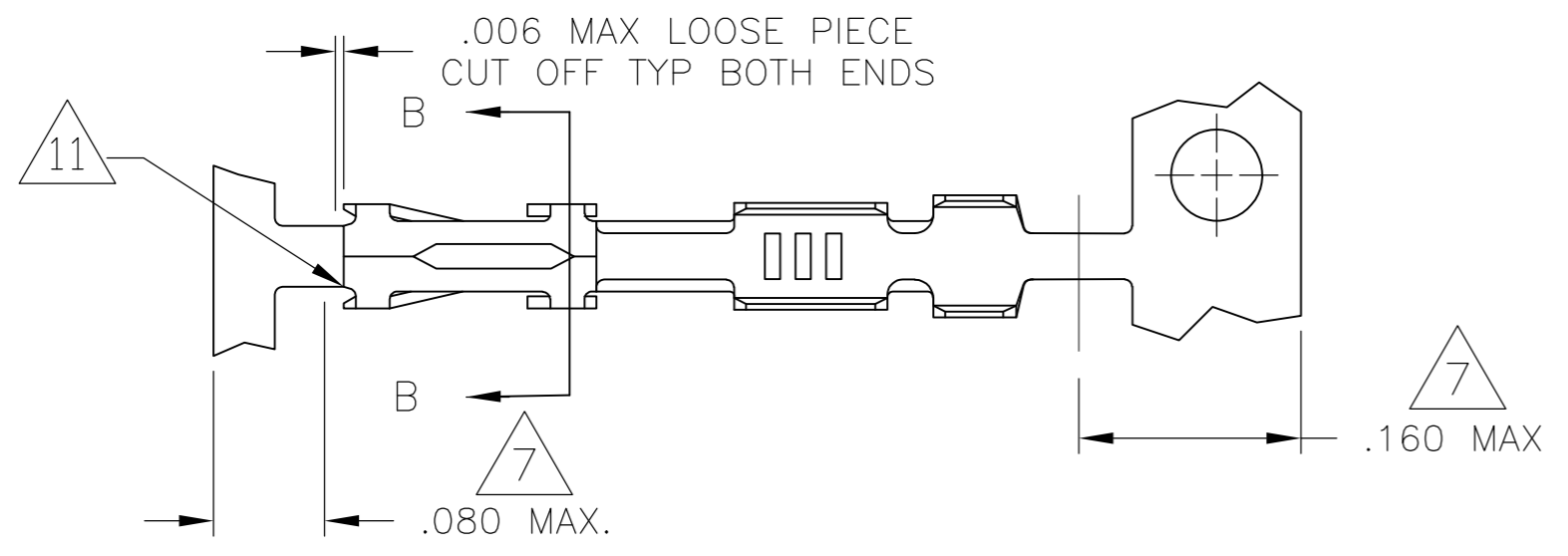
- Packaging Method = Strip

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				
	P2	REVISED PER ECO-11-004587	11MAR11	RK	HMR



- 1 REELED FOR MINI APPLICATOR
- 2 .000030 GOLD OVER .000050 NICKEL
- 3 GOLD FLASH OVER NICKEL,.000030 GOLD ON CONTACT AREA
- 4 PREPLATED:(HALT).000078-.000158 BRIGHT TIN
- 5 .000050 GOLD OVER .000050 NICKEL
- 6 GOLD FLASH OVER NICKEL,.000015 GOLD ON CONTACT AREA
- 7 GOLD PLATING NOT REQUIRED IN THIS AREA
- 8 .000050 GOLD ON CONTACT AREA,GOLD FLASH AREA L OVER.000050/.000100 NICKEL ENTIRE CONTACT
- 9 SHEARED EDGES MAY BE UNPLATED
- 10 REELED FOR STANDARD APPLICATOR
- 11 CUT OUTS ON BOX AT MANUFACTURER'S OPTION
- 12 OBSOLETE PART NUMBER
- 13 PT.OF MEAS.FOR PLATING THICKNESS(INSIDE BEAMS)
- 14 .000015 GOLD IN THE CONTACT AREA, .000050 NICKEL OVER THE ENTIRE TERMINAL
- 15 OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

			12 -7	9 14	1-87666-9
9 15	OBSOLETE	1-	12 -7	8 7	1-87666-6
		1-	12 -1	6 7	87666-5
		1-	12 -0	5 7	87666-4
			12 -9	4	87666-3
			12 -8	3 7	87666-2
			12 -7	2 7	87666-1
		PART NO.	LOOSE PIECE PART NO.	FINISH	1 PART NO.

THIS DRAWING IS A CONTROLLED DOCUMENT. DWN E.C.CLAYBAUGH 8/03/98

CHK -

APVD -

PRODUCT SPEC -

APPLICATION SPEC -

WEIGHT -

CUSTOMER DRAWING

TE TE Connectivity

CONTACT, FEMALE
MOD IV, CRIMP SNAP-IN

SIZE A2 CAGE CODE 00779 DRAWING NO C=87666 RESTRICTED TO -

SCALE 8:1 SHEET 1 of 1 REV P2