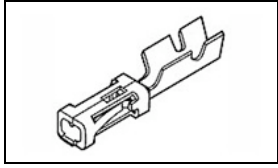


## 102548-6 Product Details



**102548-6**

TE Internal Number: 102548-6



### .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

### Documentation & Additional Information

#### Product Drawings:

- [CONTACT, CRIMP SNAP-IN, MOD IV 1/2](#) (PDF, English)

#### Catalog Pages/Data Sheets:

- [AMPMODU\\_INTERCONNECTION\\_SYSTEM\\_SECTION5\\_CONT](#) (PDF, English)

#### Product Specifications:

- [AMPMODU Mod 1/2 Wire to Board Standard Pressure Cont...](#) (PDF, English)

#### 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 J1)
- [3D Model](#) (IGES, Version J1)
- [3D Model](#) (STEP, Version J1)

#### 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
- Termination Method to Wire/Cable = Crimp
- Wire Insulation Diameter (mm [in]) = 1.55 [0.061]
- Connector Series = Mod IV.v
- With Insulation Support = Yes
- Applied Pressure = Intermediate

#### 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:

- Crimp Area Plating = Gold Flash

#### Body Features:

- Wire Range (mm [AWG]) = 0.12-0.40<sup>2</sup> [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:

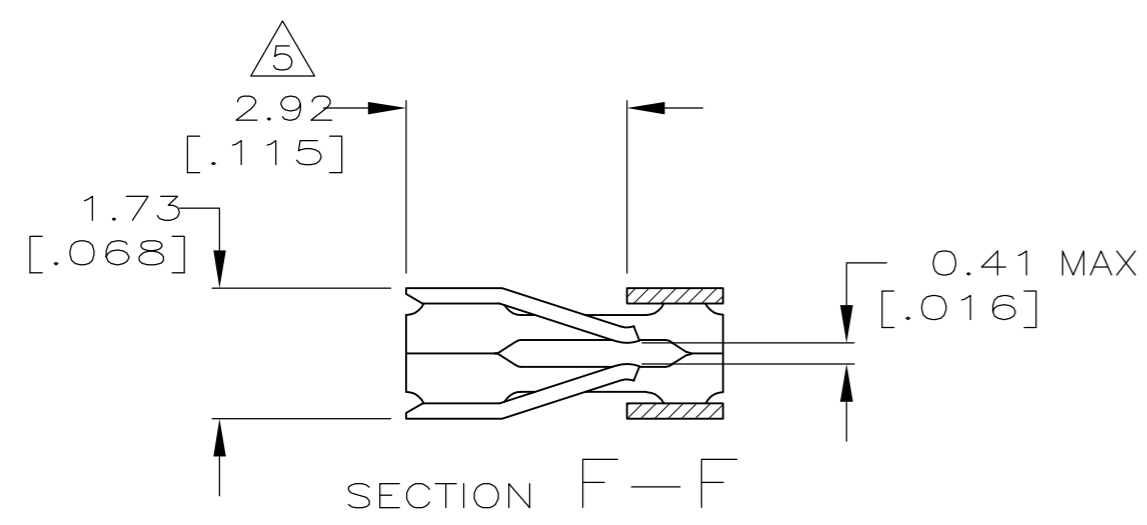
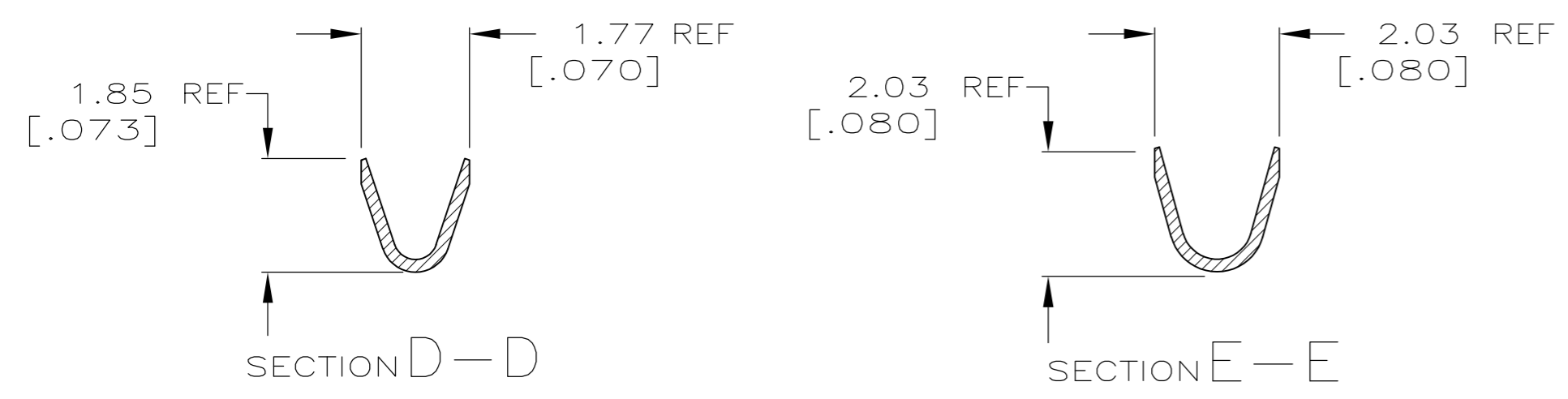
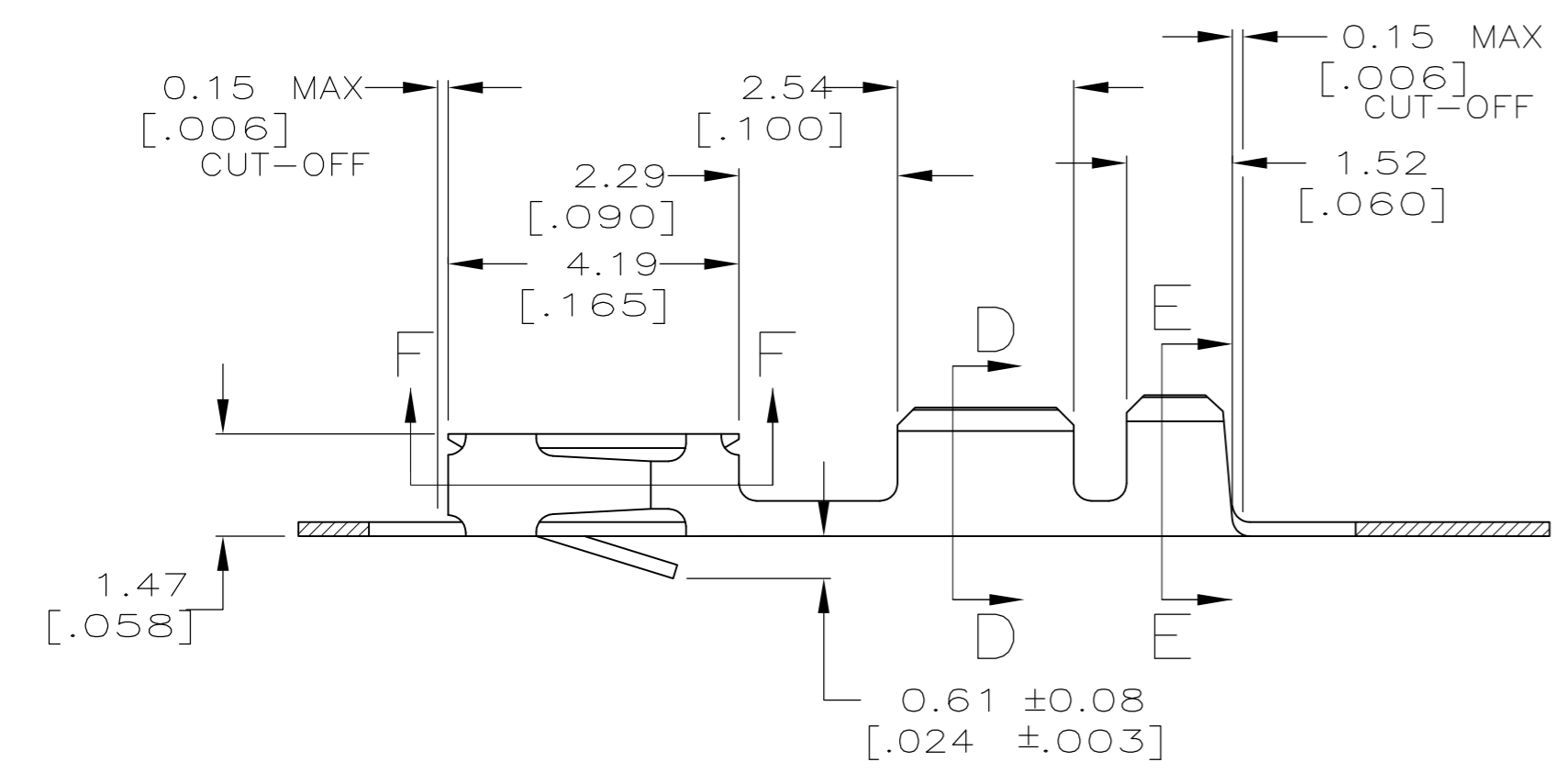
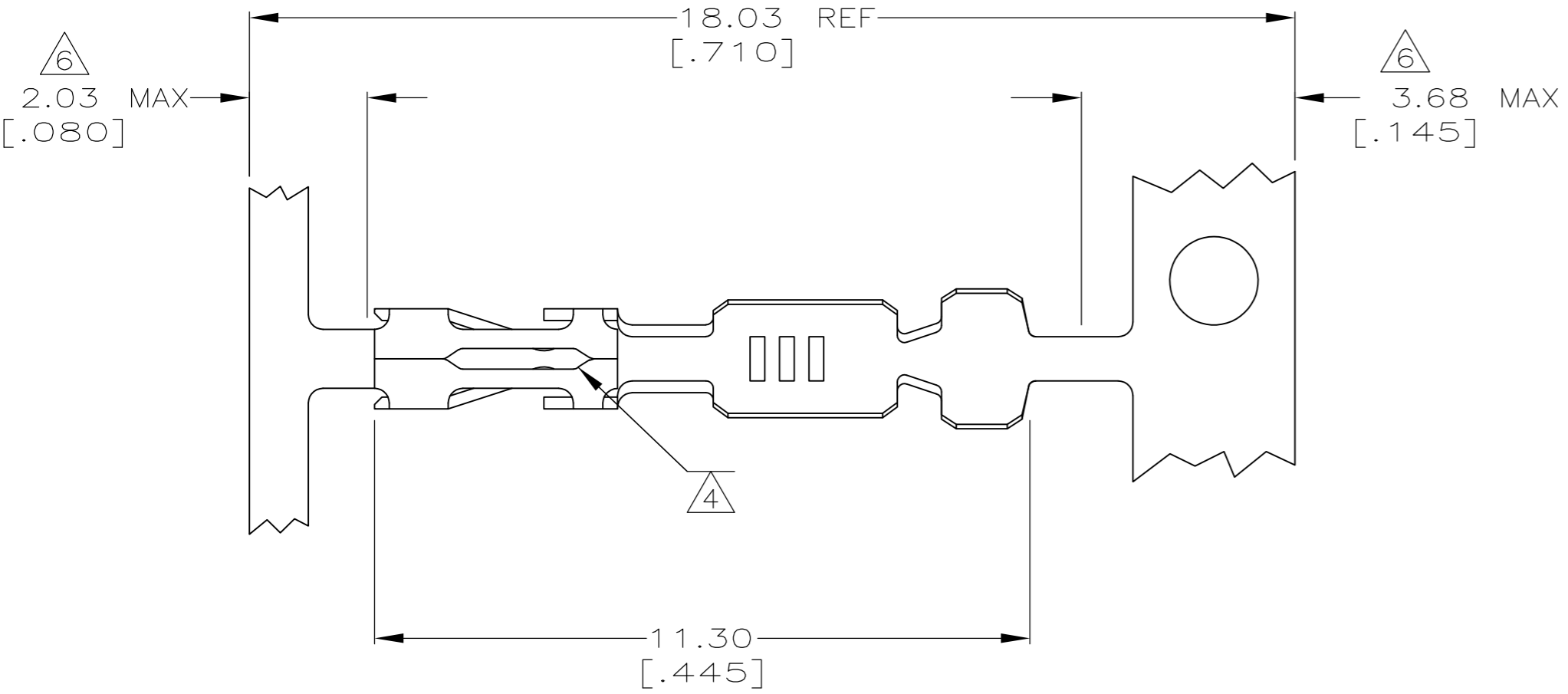
- Packaging Method = Loose Piece

#### 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					
AD		39		P	LTR	DESCRIPTION	DATE	DWN	APVD
				J2		REVISED PER ECO-11-004917	11MAR11	RK	HMR



- ① REELED FOR MINI APPLICATOR.
  - ② FINISH: GOLD FLASH OVER 0.00127[.000050] NICKEL, 0.000381[.000015] GOLD IN CONTACT AREA.
  - ③ FINISH: GOLD FLASH OVER 0.00127[.000050] NICKEL, 0.00076[.000030] GOLD IN CONTACT AREA.
  - ④ CUT OUTS ON BOX AT MANUFACTURERS OPTION.
  - ⑤ POINT OF MEASUREMENT FOR PLATING THICKNESS (INSIDE BEAMS).
  - ⑥ GOLD PLATING NOT REQUIRED IN THIS AREA.
7. WIRE RANGE #22-#26, INSULATION RANGE Ø.061 MAX.

LOOSE PC.	③	102548-6
①	③	102548-5
LOOSE PC.	②	102548-3
①	②	102548-1
DESCRIPTION	FINISH	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	S. SHUEY	5-6-92
DIMENSIONS: mm [INCHES]		CHK	J. GESFORD	5-20-92
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD	-	-
0 PLC	± -	PRODUCT SPEC	-	-
1 PLC	± -	APPLICATION SPEC	-	-
2 PLC	± 0.13[.005]	WEIGHT	-	-
3 PLC	± -	SCALE	10:1	SHEET 1 of 1
4 PLC	± -	CUSTOMER DRAWING	-	REV J2
ANGLES	± -	TE Connectivity		
MATERIAL	BERYLLIUM COPPER	CONTACT, CRIMP SNAP-IN, MOD IV 1/2		
FINISH	SEE TABLE	SIZE	A2	CAGE CODE 00779
		DRAWING NO	C=102548	