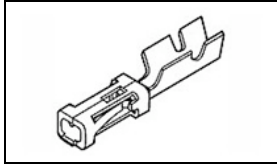![TE connectivity logo]

87046-3 Product Details

87046-3

TE Internal Number: 87046-3

✔ Active

.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 = 1.75 mm

Documentation & Additional Information

Product Drawings:
- CONTACT, MOD IV-1/2, CRIMP SNAP-IN, LOOSE PIECE (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:
- None Available

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]) = 1.75 [0.069]
- 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]) = 0.20-0.60² [24-20]

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:
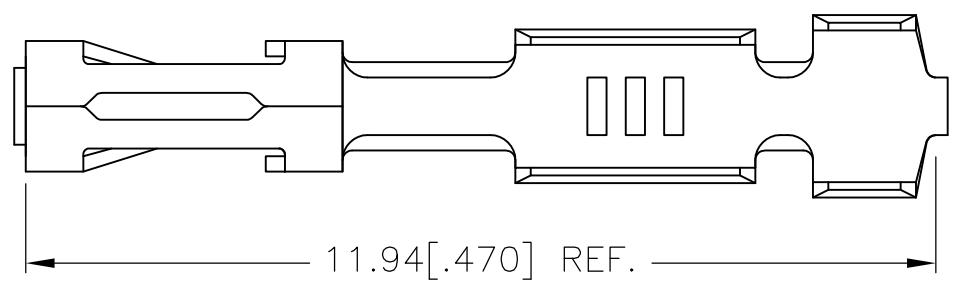- Applies To = Wire/Cable

Packaging Features:
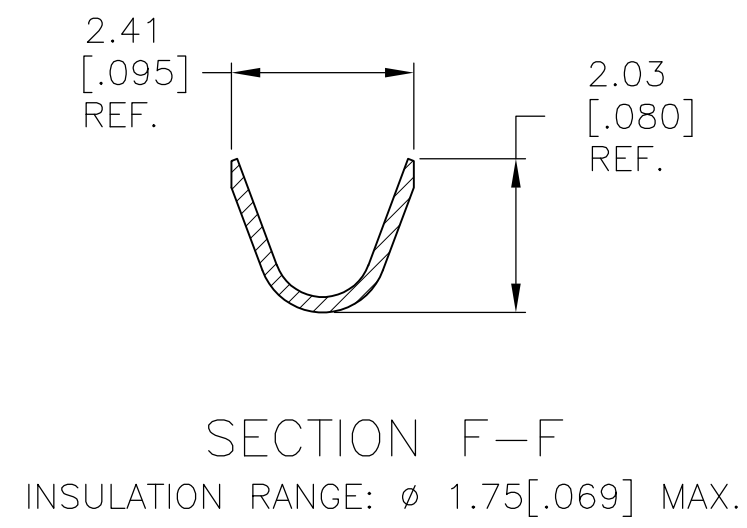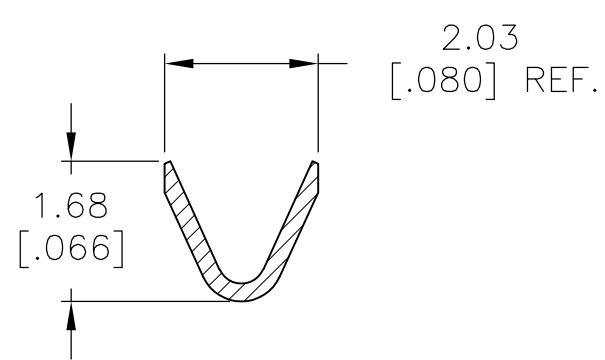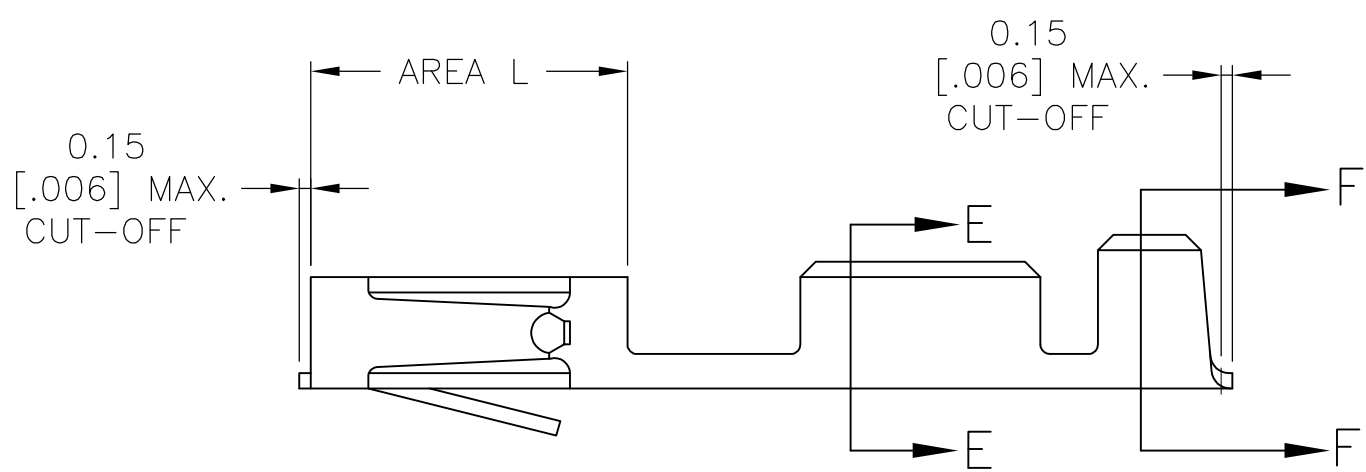- Packaging Method = Loose Piece/Bulk

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.

4	3	2	1

LOC AD | DIST 39

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	D1	REVISED PER ECO-11-004917	11MAR11	RK	HMR

11.94[.470] REF.

AREA L

0.15 [.006] MAX. CUT-OFF

0.15 [.006] MAX. CUT-OFF

E — E

F — F

△1 GOLD FLASH OVER NICKEL, 0.00038[.000015] GOLD IN CONTACT AREAS.

△2 0.00076[.000030] GOLD OVER 0.00127[.000050] NICKEL.

△3 GOLD FLASH OVER NICKEL, 0.00076[.000030] GOLD IN CONTACT AREA.

△4 PREPLATED:(HALT)0.00198[.000078]-0.00401[.000158] BRIGHT TIN

△5 GOLD FLASH OVER ENTIRE RECPT BOX (AREA L), 0.00076[.000030] GOLD ON CONTACT AREA, ALL OVER 0.00127[.000050] NICKEL ENTIRE CONTACT.

△6 GOLD FLASH OVER ENTIRE CONTACT, 0.00127[.000050] GOLD ON CONTACT AREA, ALL OVER 0.00127[.000050] NICKEL.

2.03 [.080] REF.

1.68 [.066]

SECTION E-E
WIRE RANGE : #20 - #24

2.41 [.095] REF.

2.03 [.080] REF.

SECTION F-F
INSULATION RANGE: ⌀ 1.75[.069] MAX.

FINISH REF	PART NUMBER
OBSOLETE △6	87046-6
OBSOLETE △5	87046-5
△4	87046-4
△3	87046-3
△2	87046-2
△1	87046-1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm [INCHES]	TOLERANCES UNLESS OTHERWISE SPECIFIED:	
	0 PLC	± —
	1 PLC	± —
	2 PLC	± —
	3 PLC	± —
	4 PLC	± —
	ANGLES	± —

DWN E. BRANDBERG 18-JAN-96
CHK S. SHUEY 18-JAN-96
APVD D. TROUT 18-JAN-96

PRODUCT SPEC 108-25021
APPLICATION SPEC 114-25003

MATERIAL BeCu
FINISH SEE TABLE
WEIGHT —

≡TE TE Connectivity

NAME
CONTACT, MOD IV-1/2, CRIMP SNAP-IN, LOOSE PIECE

SIZE A3	CAGE CODE 00779	DRAWING NO C-87046	RESTRICTED TO —

CUSTOMER DRAWING

SCALE 10:1 | SHEET 1 OF 1 | REV D1