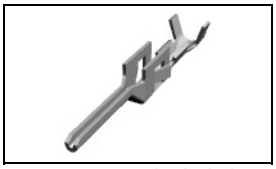
1-794613-2 Product Details



1-794613-2

TE Internal Number: 1-794613-2

Active

View 3D PDF

3mm Centerline, 250V, 5 A max.

Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

- Wire-to-Wire
- Applies To Wire/Cable
- Contact
- Contact Type = Pin
- Contact - Rated Current = 5 A

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:

- PLUG CONTACT, CRIMP SNAP, 26-30 AWG, LOOSE PIECE, MI... (PDF, English)

Catalog Pages/Data Sheets:

- 1773458-4_MICRO_MATE_N_LOK_CONNECTOR_SYSTEM_QRG (PDF, English)
- SOFT_SHELL_PIN_AND_SOCKET_CONNECTORS_CATALOG (PDF, English)

Product Specifications:

- None Available

Application Specifications:

- None Available

Instruction Sheets:

- None Available

CAD Files: (CAD Format & Compression Information)

- 2D Drawing (DXF, Version B1)
- 3D Model (IGES, Version B1)
- 3D Model (STEP, Version B1)

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
- Termination Method to Wire/Cable = Crimp
- Wire/Cable Type = Discrete Wire
- Strain Relief = Without
- Sealed = No

Mechanical Attachment:

- Contact Retention = With
- Contact Retention Type = Locking Lance

Electrical Characteristics:

- Contact - Rated Current (A) = 5
- Operating Voltage Reference = AC/DC
- Operating Voltage (VAC) = 250
- Operating Voltage (VDC) = 250

Termination Features:

- Wire/Cable Size (mm^2) = 0.05 – 0.12
- Wire/Cable Size (AWG) = 26 – 30

Body Features:

- Underplate Material Thickness (µm [µin]) = 1.27 [50.000]
- Wire Type = Stranded

Contact Features:

- Contact Type = Pin
- Contact Base Material = Brass
- Contact Plating, Mating Area, Material = Gold
- Contact Plating, Mating Area, Thickness (µm [µin]) = 0.76 [29.92]
- Underplate Material = Nickel

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

Environmental:

- Operating Temperature (°C [°F]) = -40 – +105 [-40 – +221]

Conditions for Usage:

- Applies To = Wire/Cable
- Accepts Wire Insulation Diameter, Range (mm [in]) = 0.89 – 1.52 [0.035 – 0.060]

Operation/Application:

- Application Use = Wire-to-Wire

Packaging Features:

- Packaging Method = Bag
- Packaging Quantity = 2,000

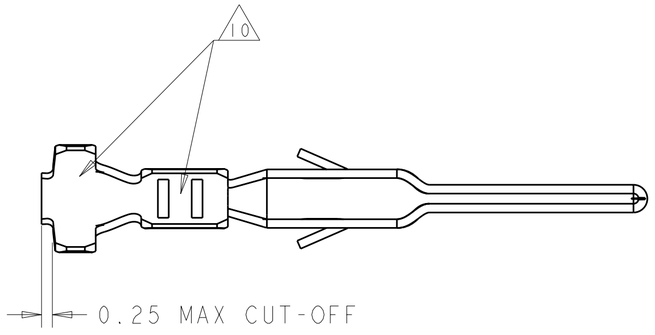
Other:

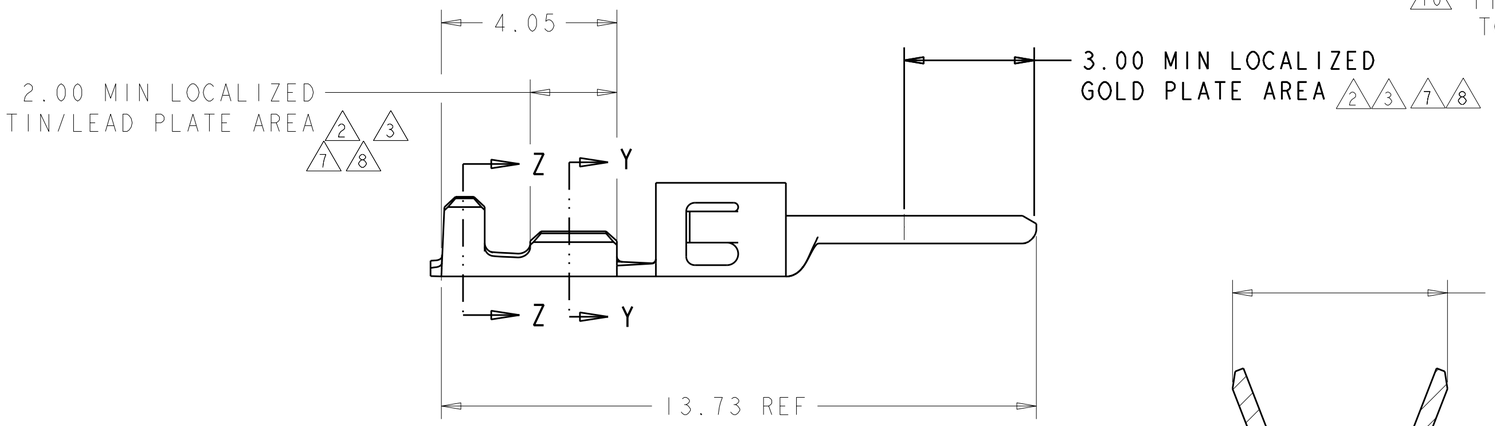
- Brand = AMP

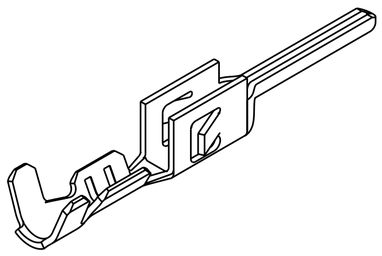
LOC	DIST
CM	00

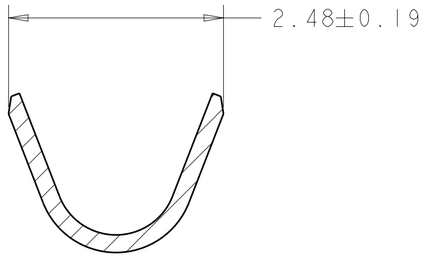
REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	B2	REVISED PER ECO-11-005027	16MAR2011	RK	HMR

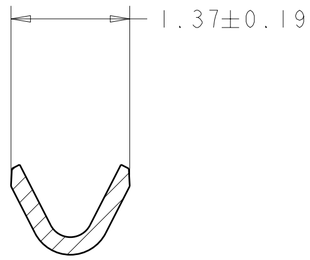








SECTION Z-Z
SCALE 20:1



SECTION Y-Y
SCALE 20:1

1. 2.5 µm MIN BRIGHT TIN/LEAD ENTIRE STOCK OVER 1.27 µm MIN NICKEL ENTIRE STOCK.
2. 0.38 µm MIN GOLD IN LOCALIZED GOLD PLATE AREA, 2.5 µm MIN BRIGHT TIN/LEAD IN LOCALIZED TIN/LEAD PLATE AREA, BOTH OVER 1.27 µm MIN NICKEL ON ENTIRE STOCK.
3. 0.76 µm MIN GOLD IN LOCALIZED GOLD PLATE AREA, 2.5 µm MIN BRIGHT TIN/LEAD IN LOCALIZED TIN/LEAD PLATE AREA, BOTH OVER 1.27 µm MIN NICKEL ON ENTIRE STOCK.
4. WIRE RANGE 26-30 AWG.
5. INSULATION RANGE 0.89-1.52
6. 2.5 µm MIN BRIGHT TIN ENTIRE STOCK OVER 1.27 µm MIN NICKEL ENTIRE STOCK.
7. 0.38 µm MIN GOLD IN LOCALIZED GOLD PLATE AREA, 2.5 µm MIN BRIGHT TIN IN LOCALIZED TIN PLATE AREA, BOTH OVER 1.27 µm MIN NICKEL ON ENTIRE STOCK.
8. 0.76 µm MIN GOLD IN LOCALIZED GOLD PLATE AREA, 2.5 µm MIN BRIGHT TIN IN LOCALIZED TIN PLATE AREA, BOTH OVER 1.27 µm MIN NICKEL ON ENTIRE STOCK.
9. NOTE DELETED.
10. TIN PLATING THICKNESS INSIDE WIRE AND INSULATION BARRELS TO BE 1.27 µm MIN.

8	1-794613-2
7	1-794613-1
6	1-794613-0
3	794613-3
2	794613-2
1	794613-1
FINISH	PART NUMBER

METRIC

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±-
2 PLC ±0.13
3 PLC ±-
4 PLC ±-
ANGLES ±-

MATERIAL: 0.20 THK BRASS
FINISH: -

DWN W J RUDY 29AUG2000
CHK W DAVIS 29AUG2000
APVD W DAVIS 29AUG2000
PRODUCT SPEC: -
APPLICATION SPEC: -
WEIGHT: -
CUSTOMER DRAWING

TE Connectivity

NAME: PLUG CONTACT, CRIMP SNAP, 26-30 AWG, LOOSE PIECE, MICRO MATE-N-LOK(TM)

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C-794613	-

SCALE	SHEET	REV
10:1	1 OF 1	B2