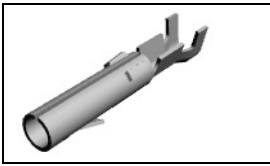


60617-6 Product Details

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60617-6

TE Internal Number: 60617-6
✔ Active

[View 3D PDF](#)

.200" Centerline, 250 V, 13 A max.

✔ Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

- Commercial MATE-N-LOK Product Line
- Wire-to-Wire
- Applies To Wire/Cable
- Contact
- Contact Type = Socket

[View all Features](#)

Quick Links

- ▶ [Pricing & Availability](#)
- ▶ [Search for Tooling](#)
- ▶ [View Housings \(69\)](#)
- ▶ [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:

- [socket loose piece commercial mate-n-lok \(PDF, English\)](#)

Catalog Pages/Data Sheets:

- [SOFT_SHELL_PIN_SOCKET_CONNECTORS_STANDARD_DENSITY \(PDF, English\)](#)

Product Specifications:

- None Available

Application Specifications:

- [Commercial MATE-N-LOK Pin And Socket Contacts \(PDF, English\)](#)
- [MATE-N-LOK Commercial Pin and Socket Contacts \(PDF, Japanese\)](#)

Instruction Sheets:

- [Universal, Commercial, and .140 MATE-N-LOK Contact ... \(PDF, English\)](#)

CAD Files: (CAD Format & Compression Information)

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

[List all Documents](#)

Additional Information:

- [Product Line Information](#)

Related Products:

- [Tooling](#)
- [Housings \(69\)](#)

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

Product Type Features:

- Product Line = Commercial MATE-N-LOK
- Product Type = Contact
- Wire/Cable Type = Discrete Wire
- Sealed = No

Mechanical Attachment:

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

Electrical Characteristics:

- Contact - Rated Current (A) = 15
- Operating Voltage Reference = AC
- Operating Voltage (VAC) = 250

Termination Features:

- Wire/Cable Size (mm²) = 0.2 - 0.8
- Wire/Cable Size (AWG) = 18 - 24
- Termination Method to Wire/Cable = Crimp

Body Features:

- Wire Type = Stranded

Contact Features:

- Contact Type = Socket
- Contact Plating, Mating Area, Material = Gold
- Contact Diameter (mm [in]) = 2.13 [0.084]
- Contact Base Material = Phosphor Bronze
- Contact Plating, Mating Area, Thickness (µm [µin]) = 0.76 [29.92]

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
- [VDE Tested](#) = No

Environmental:

- [Operating Temperature \(°C \[°F\]\)](#) = -55 - +105 [-67 - +221]

Conditions for Usage:

- [Applies To](#) = Wire/Cable
- [For Multiple Crimp](#) = No
- [Accepts Wire Insulation Diameter, Range \(mm \[in\]\)](#) = 2.54 [0.100]
- [For Use With](#) = Commercial MATE-N-LOK housings

Operation/Application:

- [Application Use](#) = Wire-to-Wire

Packaging Features:

- [Packaging Method](#) = Bag
- [Packaging Quantity](#) = 1,000

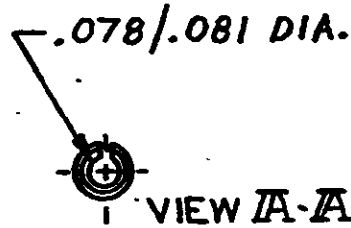
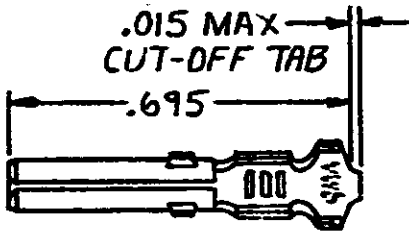
Other:

- [Brand](#) = AMP

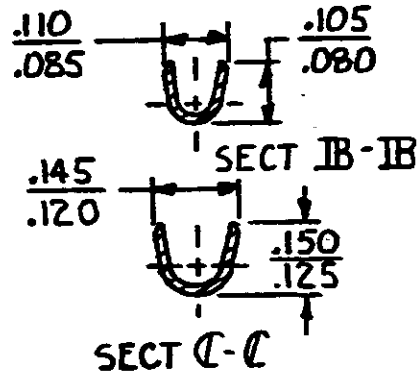
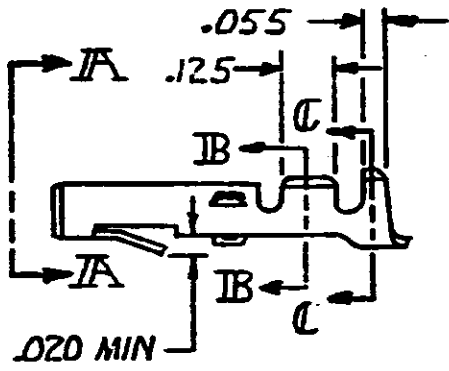
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REVISIONS

LTR	DESCRIPTION	DATE	DWN	APR
V1	REVISED PER ECO-11-005294	5APR11	RK	HMR



⚠ NICKEL ON ENTIRE TERMINAL WITH .000030 GOLD OVER INSIDE OF MATING AREA AND WIRE BARREL.



⚠ NICKEL ON ENTIRE TERMINAL WITH .000030 GOLD OVER INSIDE OF MATING AREA.

GOLD	⚠ 3	.012 PH. BRZ	60617-6
GOLD	⚠ 1	BRASS	-5
TIN		PH. BRZ	-4
TIN		.012 BRASS	60617-1
FINISH		MATERIAL	PART NO

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON: DECIMALS ±.015 ANGLES ±

CONTRACT NO
DR *M. FEHER 11-16-79*
CHK *D.S. Heide 1/4 1980*
APPD *D. [Signature] 1-7-80*
APPD



NAME **SOCKET, LOOSE PIECE, COMMERCIAL MATE-N-LOK**

MATERIAL
SEE TABLE

FINISH
SEE TABLE

WIRE RANGE
24-18 AWG

INSULATION DIA
.100 MAX

SIZE **A** CODE IDENT NO **00779** DRAWING NO **60617**

SCALE — SHEET —