



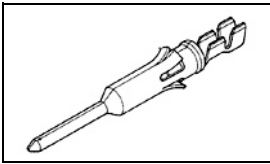
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66589-4 Product Details

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66589-4

TE Internal Number: 66589-4

Active

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Multimate

Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

- Contact Type = Pin
- Contact Classification = Signal
- Type VI Series
- Gold (30) Contact Plating, Mating Area, Material
- Wire Range = 0.80-1.40² [18-16] mm [AWG]

[View all Features](#)

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Documentation & Additional Information

Product Drawings:

- [CONTACT, PIN, LOOSE PIECE, TYPE VI, MULTIMATE \(PDF, English\)](#)

Catalog Pages/Data Sheets:

- None Available

Product Specifications:

- None Available

Application Specifications:

- [Type VI Insulation Grip Contacts \(PDF, English\)](#)

Instruction Sheets:

- None Available

CAD Files: ([CAD Format & Compression Information](#))

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

[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:

- Series = Type VI
- [Insulation Support](#) = Yes
- [Termination Method to Wire/Cable](#) = Crimp
- Wire/Cable Type = Discrete Wire
- Grade = Commercial

Electrical Characteristics:

- High Current = No

Termination Features:

- [Termination End Plating](#) = Tin

Dimensions:

- Pin Diameter (mm [in]) = 1.57 [0.062]

Body Features:

- [Wire Range \(mm \[AWG\]\)](#) = 0.80-1.40² [18-16]
- Spring Material = Stainless Steel
- Used With = G Series Connectors

Contact Features:

- Contact Type = Pin
- Contact Classification = Signal
- [Contact Plating, Mating Area, Material](#) = Gold (30)
- [Contact Base Material](#) = Brass
- [Contact Size](#) = 16

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

Conditions for Usage:

- [Accepts Wire Insulation Diameter, Range \(mm \[in\]\)](#) = 2.03 - 2.54 [0.080 - 0.100]
- [Applies To](#) = Wire/Cable
- Test Current (A) = 13.0

Packaging Features:

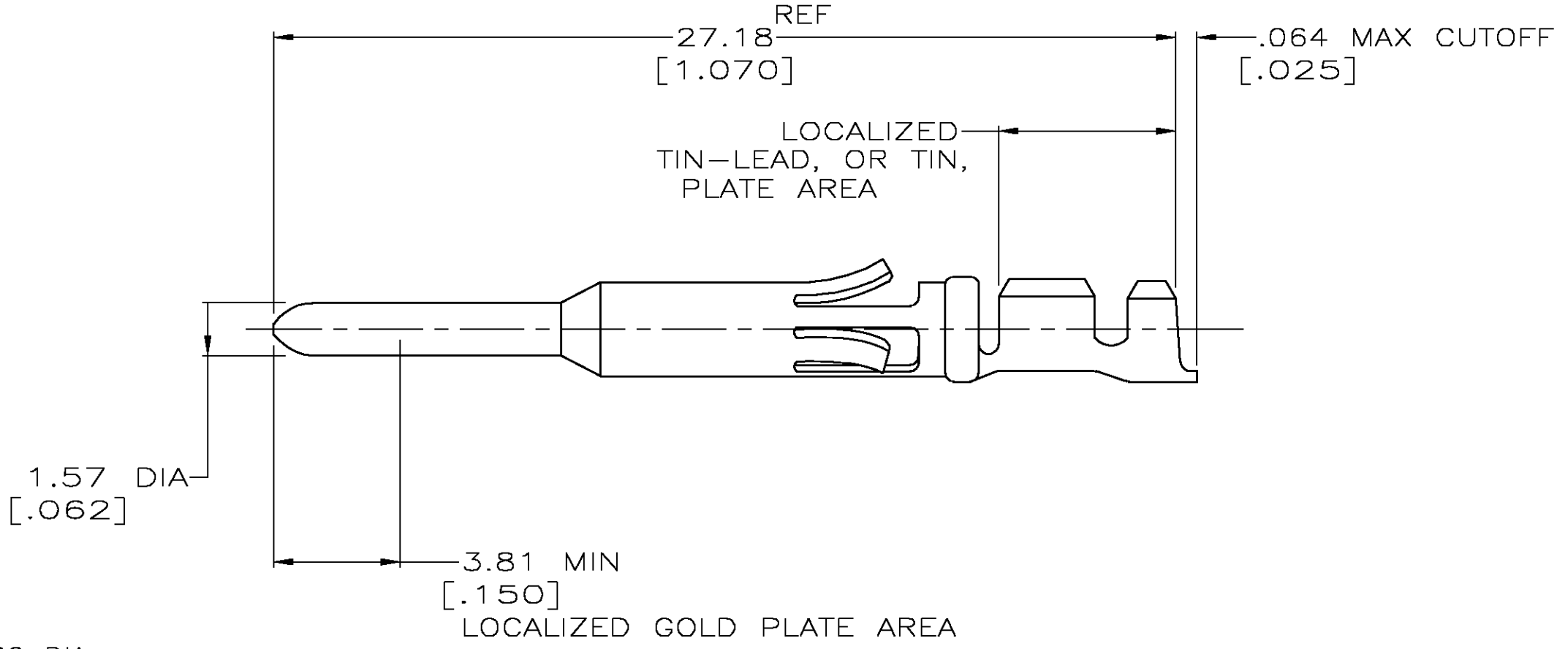
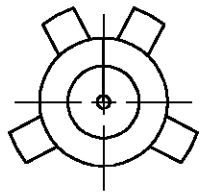
- [Packaging Method](#) = Loose Piece

Other:

- Brand = AMP
- Comment = Wire strip length-- 3.96 [.156] for all wire sizes.

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LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
		F	0G3B-0317-03	24APR03	TK GS



- 1. WIRE RANGE 18-16 AWG.
- 2. INSULATION RANGE .100-.080 DIA.
- 3. FOR STRIP PART SEE DWG 66579.
- ④ 0.76 μm [.000030] MIN GOLD IN LOCALIZED GOLD PLATE AREA, 1.27 μm [.000050] MIN TIN-LEAD IN LOCALIZED TIN-LEAD PLATE AREA, BOTH OVER 1.27 μm [.000050] MIN NICKEL.
- ⑤ TIN PLATED.
- ⑥ GOLD PLATING PER MIL-G-45204, TIN PER MIL-T-10727 AND NICKEL PER QQ-N-290.
- ⑦ 0.76 μm [.000030] MIN GOLD IN LOCALIZED GOLD PLATE AREA, 1.27 μm [.000050] MIN TIN IN LOCALIZED TIN PLATE AREA, BOTH OVER 1.27 μm [.000050] MIN NICKEL.

⑦	66589-4
④	66589-2
⑤	66589-1
FINISH	FINISH

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN C.OBERMAN 08/25/92	Tyco Electronics Corporation Harrisburg, Pa	
DIMENSIONS: INCHES		CHK W.G.LENKER 9-3-92	NAME CONTACT, PIN, LOOSE PIECE, TYPE VI, MULTIMATE	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD A. TRAVIS A.TRAVIS 9-3-92	SIZE A3	
0 PLC ± - 1 PLC ± - 2 PLC ± 0.13 [.005] 3 PLC ± - 4 PLC ± - ANGLES ± -		PRODUCT SPEC -	CAGE CODE 00779	DRAWING NO C-66589
MATERIAL BRS PER MIL-C-50		APPLICATION SPEC -	RESTRICTED TO -	
FINISH ⑥ SEE TABLE		WEIGHT -	SCALE 6:1	
		CUSTOMER DRAWING		SHEET 1 OF 1
				REV F