

201580-1 Product Details

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201580-1

TE Internal Number: 201580-1

 Active

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Multimate

 Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

- Contact Type = Socket
- Contact Classification = Signal
- Type II Series
- Gold (30) Contact Plating, Mating Area, Material
- Wire Range = 0.20-0.60² [24-20] mm [AWG]

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Documentation & Additional Information

Product Drawings:

- [CONTACT ASSEMBLY, SOCKET, #16, 20-24 AWG, TYPE II \(PDF, English\)](#)

Catalog Pages/Data Sheets:

- [Signal Contacts \(PDF, English\)](#)
- [M_SERIES_PIN_AND_SOCKET_CONNECTORS \(PDF, English\)](#)
- [AMP Circular Connectors for Commercial Signal & Powe... \(PDF, English\)](#)

Product Specifications:

- None Available

Application Specifications:

- [Type II Screw Machine Pin and Socket Contacts \(PDF, English\)](#)
- [Type II Screw Machine Contacts \(PDF, Japanese\)](#)

Instruction Sheets:

- [TYPICAL ASSEMBLY \(PDF, English\)](#)

CAD Files: (CAD Format & Compression Information)

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

[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 II
- [Insulation Support](#) = Yes
- [Termination Method to Wire/Cable](#) = Crimp
- Wire/Cable Type = Discrete Wire
- Color Code = Yellow/Red
- Grade = Commercial
- Retention Spring Material = Stainless Steel

Mechanical Attachment:

- Contact Retention in Housing = Crimp Snap-In

Electrical Characteristics:

- High Current = No

Body Features:

- [Wire Range \(mm \[AWG\]\)](#) = 0.20-0.60² [24-20]
- Used With = M Series Connectors, CPC Connectors, G Series Connectors

Contact Features:

- Contact Type = Socket
- 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 \[in\]\)](#) = 1.02 - 1.57 [0.040 - 0.062]
- [Applies To](#) = Wire/Cable
- Test Current (A) = 13.0

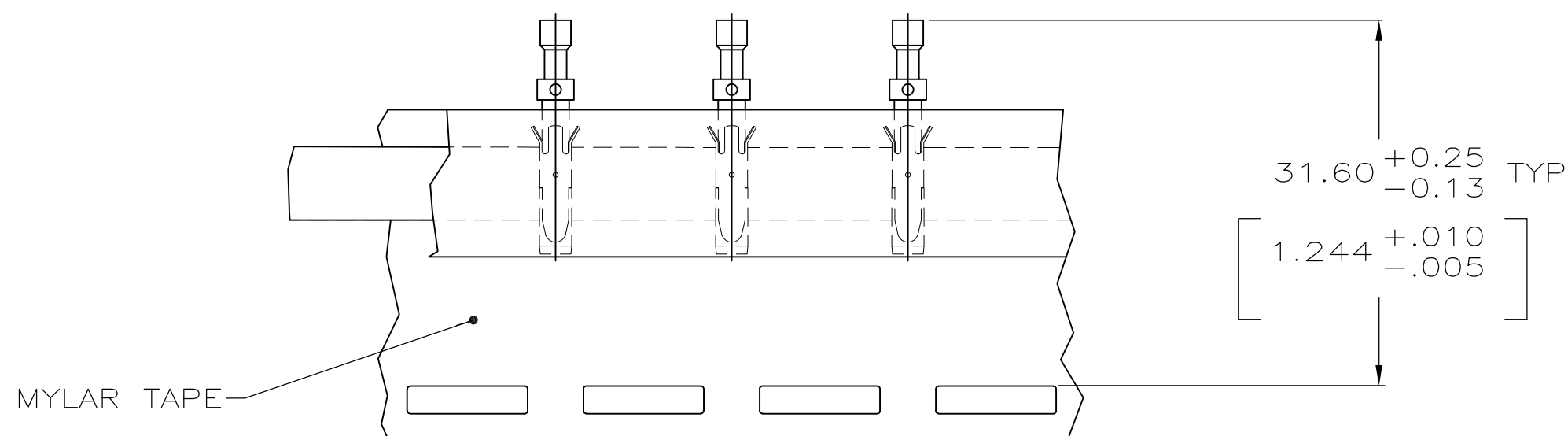
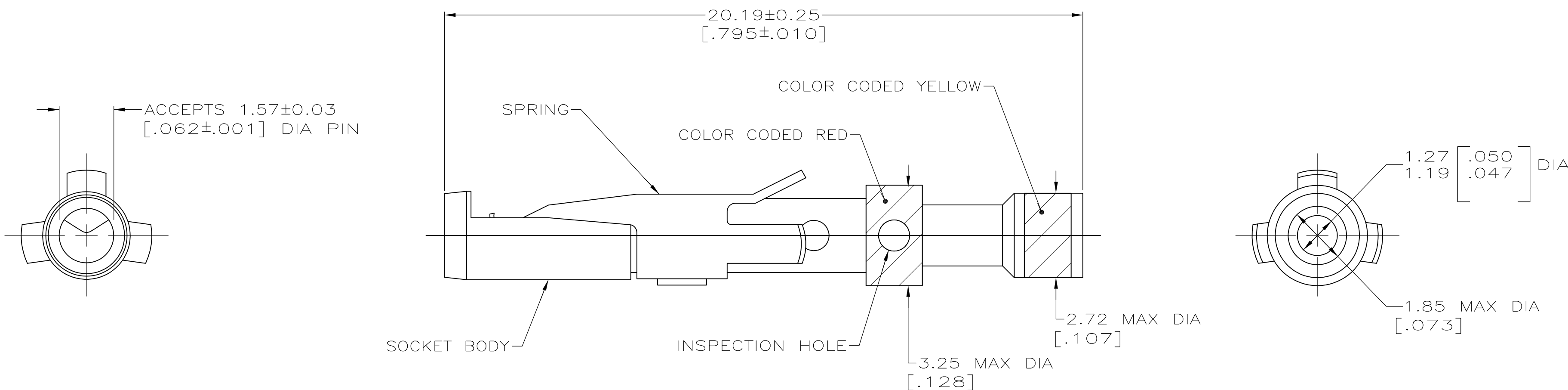
Packaging Features:

- [Packaging Method](#) = Loose Piece

Other:

- Brand = AMP
- Comment = Extraction Tool No. 305183; Use turret TH501 (p/n 1-601967-5) with hand tool 601967-1.; Insertion Tool No. 200893-2 (for insulation diameters 1.78 [.070] or less).

P		F		ZONE		LTR		REVISIONS		DATE	APPD
								T	ADDED -9 PER NPR 4680 AND REDRAWN ON CAD	04/07/93	-
								T1	REVISED PER ECO-09-020935	08SEP09	KK AEG



TAPE MTG DETAIL
SCALE 2:1

- ① 0.76µm [.000030] MIN GOLD OVER 1.27µm [.000050] MIN NICKEL.
- ② 2.54µm [.000100] MIN GOLD OVER 1.27µm [.000050] MIN NICKEL.
- ③ WHEN ORDERING CONTACT ASSEMBLY ON TAPE, ORDER BY THE TAPE NUMBER PLUS THE PACKAGING CODE AS FOLLOWS:
 1. FOR USE WITH AMP TAPETRONIC, PNEUMATIC TOOL—
 - A. 1000 PARTS TO A BOX ADD PACKAGING CODE: 1MBOX
 2. FOR USE WITH 4/8 INDENT STRIPPER CRIMPER—
 - A. 1000 PARTS TO A REEL ADD PACKAGING CODE: 1MREEL
 - B. 5000 PARTS TO A REEL ADD PACKAGING CODE: 5MREEL
- ④ OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

④ OBSOLETE	SMALL PACK	①	-201580-9-
	TAPE MTG (SEE DETAIL) ③	②	-201580-7-
	TAPE MTG (SEE DETAIL) ③	①	-201580-4-
	STANDARD	②	201580-3
	STANDARD	①	201580-1

PACKAGING TYPE		SOCKET BODY FINISH	PART NO
DO NOT SCALE PRINT. UNLESS SPECIFIED DIMENSIONS IN mm [INCHES] TOLERANCES ON :	DR 04/07/93 D.GELTZ	AMP AMP Incorporated Harrisburg, PA 17105-3608	CONTACT ASSEMBLY, SOCKET, #16, 20-24 AWG, TYPE II
2 PLC DEC ± -	CHK 4-26-93 R.STONE		
MATERIAL	APPD 4-29-93 R.S.KLINE	NAME	
SOCKET BODY: COPPER ALLOY	APPD -	SIZE	
SPRING: STAINLESS STEEL	PRODUCT SPEC -	CAGE CODE	DRAWING NO
FINISH	APPLICATION SPEC -	③ 00779	③-201580
SOCKET BODY: SEE TABLE	WEIGHT -	SCALE 10:1	SHEET 1 OF 1

THIS DRAWING IS A CONTROLLED DOCUMENT FOR AMP INCORPORATED. IT IS SUBJECT TO CHANGE AND THE CONTROLLING ENGINEERING ORGANIZATION SHOULD BE CONTACTED FOR THE LATEST REVISION.