

35107 Product Details



35107

TE Internal Number: 35107



Ring and Spade Tongue Terminals

 Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

- Terminal Shape = Ring Tongue
- Receptacle Style = Straight
- Body Style = PIDG
- Barrel Type = Closed Barrel
- Wire/Cable Type = Regular Wire

Documentation & Additional Information

Product Drawings:

- [TERMINAL, RING TONGUE, PIDG, WIRE SIZE: 12-10 AWG](#) (PDF, English)

Catalog Pages/Data Sheets:

- None Available

Product Specifications:

- None Available

Application Specifications:

- [Pre-Insulated Diamond Grip \(PIDG\) Terminals, Splices...](#) (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)

Related Products:

- [Tooling](#)

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

Product Type Features:

- [Terminal Shape](#) = Ring Tongue
- [Receptacle Style](#) = Straight
- [Barrel Type](#) = Closed Barrel
- [Wire/Cable Type](#) = Regular Wire
- [Insulation](#) = Yes
- [Insulation Support](#) = Insulation Support
- [Stud Diameter \(mm \[in\]\)](#) = 3.51 [0.138]
- Stud Size = 6 [M3.5]
- [Shape](#) = RING-041
- [Heavy Duty](#) = No
- [Finish](#) = Tin
- Color = Yellow

Electrical Characteristics:

- Voltage (VAC) = 300

Termination Features:

- Wire/Cable Size (CMA) = 5,180 - 13,100

Dimensions:

- [Insulation Diameter \(mm \[in\]\)](#) = 6.35 [.250] Max.

Body Features:

- [Body Style](#) = PIDG
- [Wire Range \(mm \[AWG\]\)](#) = 3.00-6.00² [12-10]
- [Material](#) = Copper
- [Tongue Material Thickness \(mm \[in\]\)](#) = 1.07 [0.042]
- [Insulation Material](#) = Nylon

Contact Features:

- Class = 1 & 2

Industry Standards:

- [Government/Industry Qualification](#) = Yes
- [Government/Industry Part Number](#) = MS25036-111
- [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

Packaging Features:

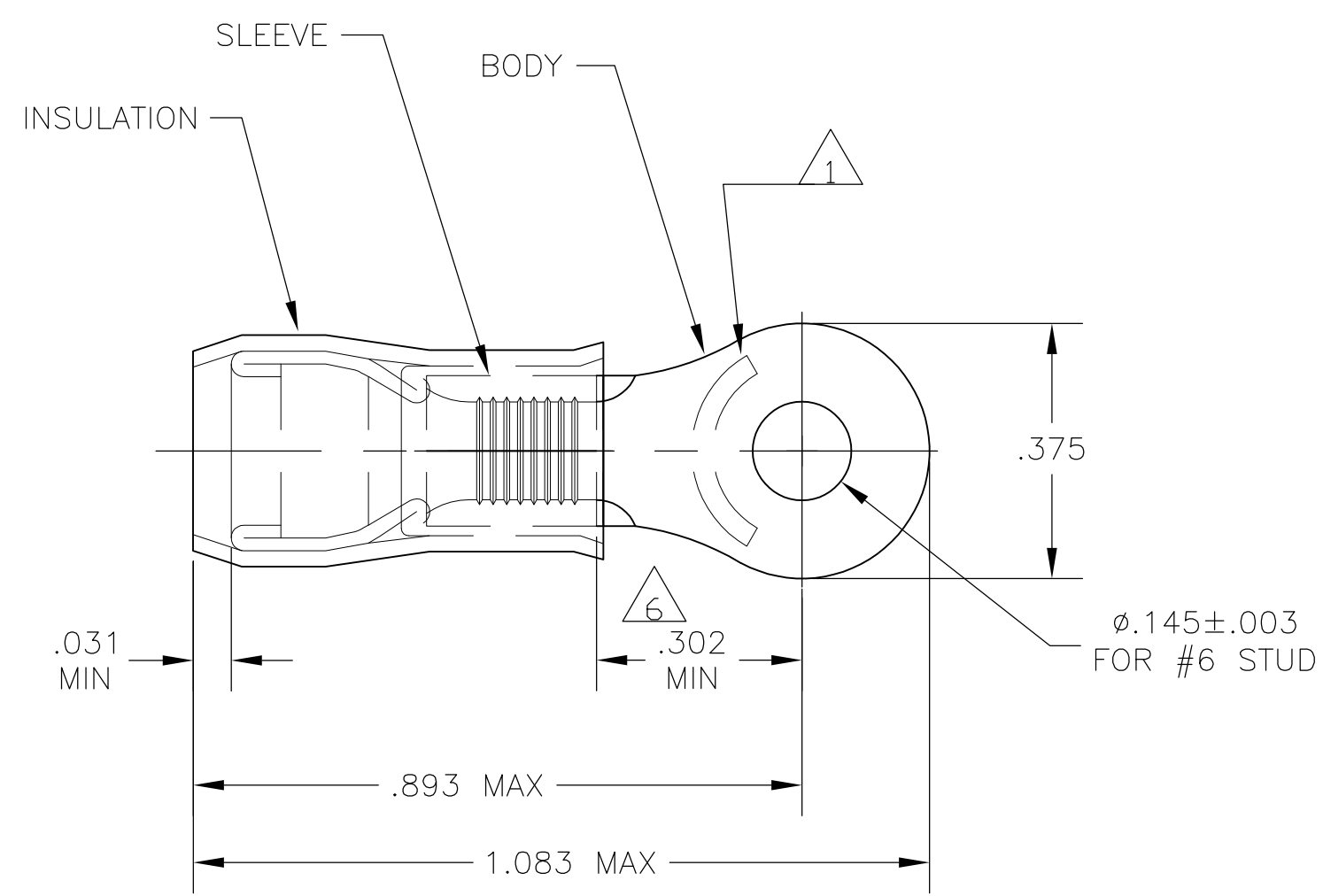
- [Packaging Method](#) = Loose Piece

Other:

- Brand = AMP

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LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
G	14		F2	REVISED PER ECO-11-004820	11MAR11	RK	HMR



- 1 STAMP "AMP 12-10*" APPROX AS SHOWN
- 2 WIRE INSULATION DIA: .150-.250
- 3 TONGUE MATERIAL THK: .040±.002
- 4 BODY & SLEEVE: TIN PLATE .000100 MIN EXT. THK PER ASTM B545
- 5 BODY & SLEEVE- CU PER ASTM B152 INSULATION - NYLON PER ASTM D4066 COLOR - YELLOW
- 6 APPLIES FROM EDGE OF METAL WIRE BARREL TO CENTER OF STUD HOLE.
- 7 MEETS MS25036-111, CLASS 1 & 2
- 8 MEETS MS25036-111, CLASS 2

50	LOOSE PIECE, BOX	8-35107-2
-500	ON TAPE, LG. BOX	2-35107-2
2500	ON TAPE & REEL	8 2-35107-1
---	LOOSE PIECE	7 35107
QTY	PACKAGE TYPE	PART NO

CUSTOMER SERVICE SYSTEMS	
FOR ADDITIONAL PRODUCT INFORMATION OR COPIES OF DRAWINGS AND TECHNICAL DOCUMENTS	PRODUCT INFORMATION CENTER 1-800-522-6752
FOR APPLICATION TOOLING INFORMATION	TOOLING ASSISTANCE CENTER 1-800-722-1111
FOR ORDER ENTRY	1-800-526-5142

MAX RECOMMENDED OPERATING TEMPERATURE: 105°C MAX
VOLTAGE RATING: 300 VOLT MAX
CIRCULAR MIL AREA: 2.62-6.64mm ² [5,180-13,100] STRANDED OR SOLID

THIS DRAWING IS A CONTROLLED DOCUMENT.	
DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED:
	0 PLC ± -
	1 PLC ± -
	2 PLC ± -
	3 PLC ± .008
	4 PLC ± -
	ANGLES ± -
MATERIAL	FINISH
5	4

DWN	JR RUTH	16DEC09
CHK	T MICHIELUTTI	16DEC09
APVD	T MICHIELUTTI	16DEC09
PRODUCT SPEC	-	
APPLICATION SPEC	-	
WEIGHT	-	
CUSTOMER DRAWING		

STE TE Connectivity			
NAME TERMINAL, RING TONGUE, PIDG, WIRE SIZE: 12-10 AWG			
SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	00779	C-35107	-
SCALE 4:1		SHEET 1 OF 1	REV F2