



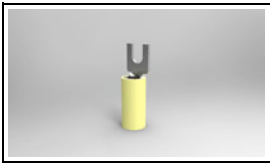
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322985 Product Details

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322985

TE Internal Number: 322985

Active

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Ring and Spade Tongue Terminals

Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

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

[View all Features](#)

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Documentation & Additional Information

Product Drawings:

- [WIRE TERMINAL P.I.D.G SPADE WIRE SIZE 12-10 \(PDF, English\)](#)

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

[List all Documents](#)

Related Products:

- [Tooling](#)

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

Product Type Features:

- Terminal Shape = Spade Tongue
- Receptacle Style = Straight
- Barrel Type = Closed Barrel
- Wire/Cable Type = Regular Wire
- Insulation = Yes
- Insulation Support = Insulation Support
- Stud Diameter (mm [in]) = 3.68 [0.145]
- Stud Size = 6 [M3.5]
- Shape = SPADE-020
- 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]) = 3.81-5.84 [.150-.230]

Body Features:

- Body Style = PIDG
- Wire Range (mm [AWG]) = 3.00-6.00² [12-10]
- Material = Copper
- Tongue Material Thickness (mm [in]) = 1.02 [0.040]
- Insulation Material = Nylon

Industry Standards:

- Government/Industry Qualification = No
- 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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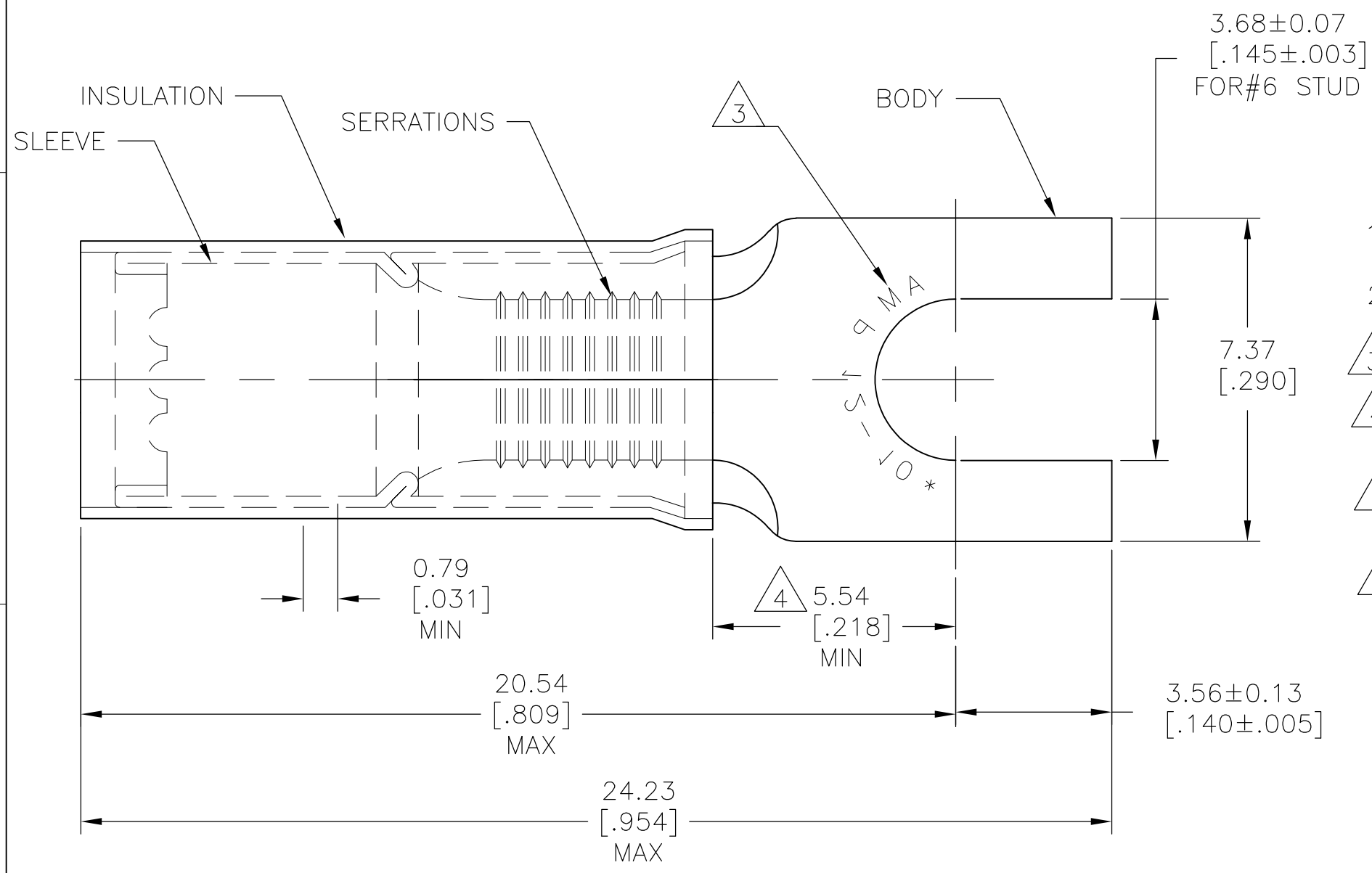
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LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
	D2	NEW DRAWING PER ECO-11-019045	03APR12	KH	DR



AMP WIRE RANGE	Listed FILE E13288	LR7189 Certified
12-10 AWG SOLID OR STRANDED	12-10 AWG SOLID OR STRANDED	12-10 AWG SOLID OR STRANDED

- 1 WIRE INSULATION DIA: 3.81[.150] TO 5.84[.230]
- 2 TONGUE MATERIAL THK: 1.02±0.05[.040±.002]
- 3 STAMP AMP 12-10* APPROX AS SHOWN.
- 4 DIMENSION APPLIES FROM EDGE OF METAL WIRE BARREL TO CENTER OF STUD.
- 5 MATERIAL: BODY & SLEEVE: COPPER PER ASTM B152. INSULATION : NYLON
- 6 FINISH: BODY & SLEEVE: TIN PLATE PER ASTM B545. INSULATION: COLOR-YELLOW.

50	LOOSE PC, BOX	8-322985-2
2500	ON TAPE REEL	1-322985-0
500	LOOSE PIECE	322985
QTY	PACKAGE TYPE	PART NO

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 1-800-722-1111

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 1-800-526-5142

RECOMMENDED OPERATING TEMPERATURE:
 105°C [221°F]

VOLTAGE RATING:
 300V MAX

WIRE CROSS SECTIONAL AREA RANGE:
 2.62-6.64mm² [5,180-13,100] CIR.MIL
 SOLID OR STRANDED

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
 mm [INCHES]

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC	± -
1 PLC	± -
2 PLC	± 0.20[.008]
3 PLC	± -
4 PLC	± -
ANGLES	± 5°

MATERIAL

FINISH

DWN KIRAN HOLAL 03APR12	TE Connectivity	NAME		WIRE TERMINAL P.I.D.G SPADE WIRE SIZE 12-10	
CHK ROHDE DANIEL 03APR12		PRODUCT SPEC		-	
APVD ROHDE DANIEL 03APR12		APPLICATION SPEC		-	
WEIGHT		-		SIZE	CAGE CODE
CUSTOMER DRAWING			A3	00779	C-322985
SCALE 8:1			SHEET 1 OF 1		REV D2