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## 327717 Product Details

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**327717**

TE Internal Number: 327717

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](#)

### Quick Links

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### Documentation & Additional Information

#### Product Drawings:

- [WIRE TERMINAL P.I.D.G-SPADE WIRE SIZE 22-16 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 \(DXF, Version J\)](#)
- [3D Model \(IGES, Version J\)](#)
- [3D Model \(STEP, Version J\)](#)

[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]) = 2.84 [0.112]
- Stud Size = 4
- Shape = SPADE-020
- Heavy Duty = No
- Finish = Tin
- Color = Red

#### Electrical Characteristics:

- Voltage (VAC) = 300

#### Termination Features:

- Wire/Cable Size (CMA) = 509 - 3,260

#### Dimensions:

- Insulation Diameter (mm [in]) = 3.56 [.140] Max.

#### Body Features:

- Body Style = PIDG
- Wire Range (mm [AWG]) = 0.30-1.40<sup>2</sup> [22-16]
- Material = Copper
- Tongue Material Thickness (mm [in]) = 0.84 [0.033]
- 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

### Corporate Information

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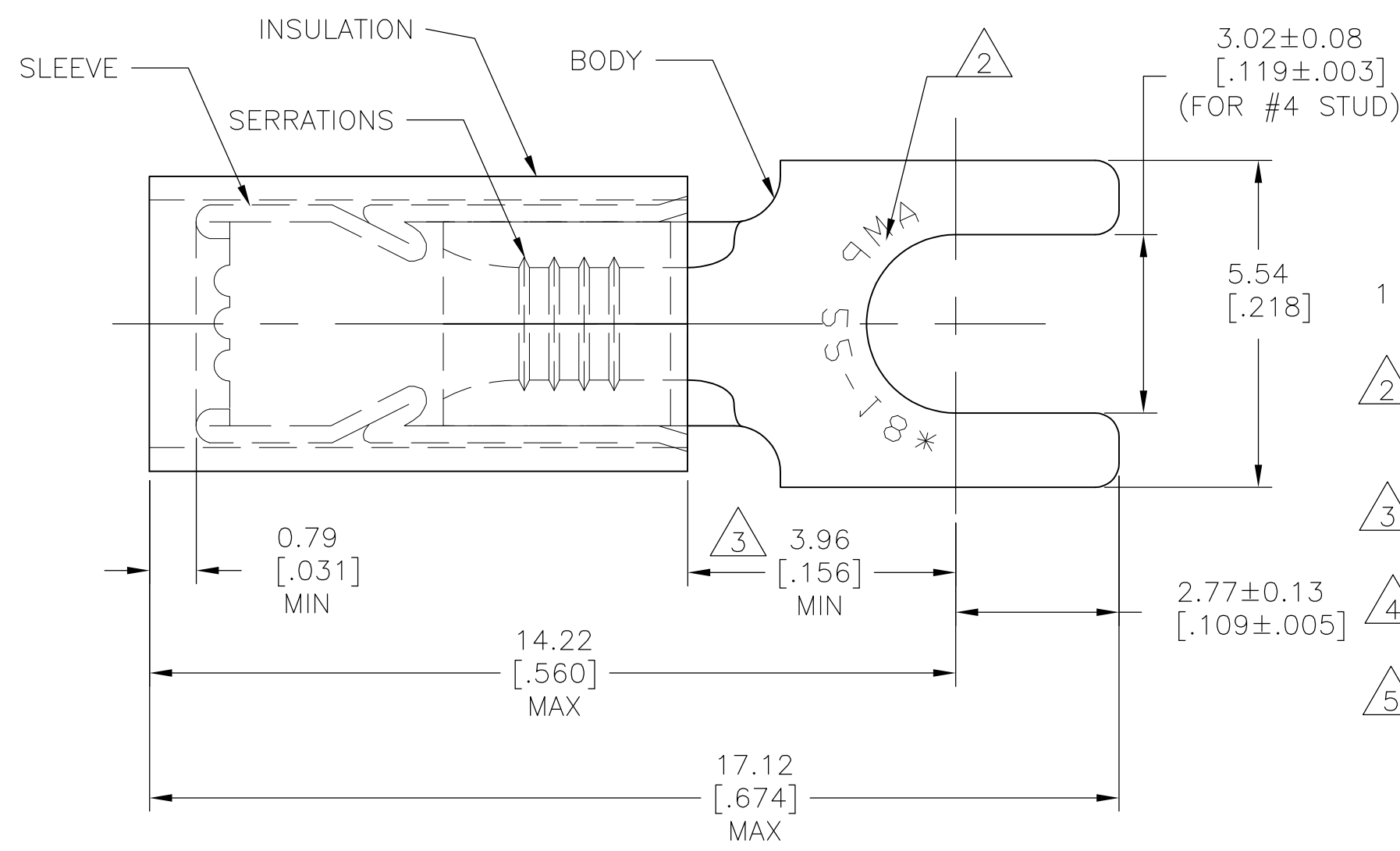
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LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-	J2		NEW DRAWING PER ECO-11-019045	03APR12	KH	DR



<b>AMP</b> WIRE RANGE	Listed FILE E13288	LR7189 Certified
22-16 AWG SOLID OR STRANDED	22-16 AWG SOLID OR STRANDED	22-16 AWG SOLID OR STRANDED

- 1 TONGUE MATERIAL THK: 0.79±0.05[.031±.002]
- 2 STAMP AMP 22-18\* APPROX AS SHOWN, 22-16 TERMINALS ARE STAMPED 22-18 IN ACCORDANCE WITH MILITARY SPEC SAE AS7928, COMMERCIAL WIRE RANGE IS 22-16.
- 3 DIMENSION APPLIES FROM EDGE OF METAL WIRE BARREL TO CENTER OF STUD.
- 4 MATERIAL: BODY & SLEEVE: COPPER PER ASTM B152. INSULATION : NYLON
- 5 FINISH: BODY & SLEEVE: TIN PLATE PER ASTM B545. INSULATION: COLOR-RED.

WIRE INS DIA	QTY	PACKAGE TYPE	PART NO
2.68[.105] TO 3.56[.140]	100	LOOSE PC, BOX	8-327717-1
2.68[.105] TO 3.56[.140]	5000	ON TAPE REEL	1-327717-2
2.03[.080] TO 3.18[.125]	1000	LOOSE PIECE	1-327717-0
2.68[.105] TO 3.56[.140]	1000	LOOSE PIECE	327717

## AMP INCORPORATED CUSTOMER SERVICE SYSTEMS

FOR ADDITIONAL PRODUCT INFORMATION OR COPIES OF DRAWINGS AND TECHNICAL DOCUMENTS	PRODUCT INFORMATION CENTER 1-800-522-6752	RECOMMENDED OPERATING TEMPERATURE: 105°C [221°F]
FOR APPLICATION TOOLING INFORMATION	TOOLING ASSISTANCE CENTER 1-800-722-1111	VOLTAGE RATING: 300V MAX
FOR ORDER ENTRY	1-800-526-5142	WIRE CROSS SECTIONAL AREA RANGE: 0.26-1.65mm <sup>2</sup> [509-3260] CIR.MIL SOLID OR STRANDED

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm [INCHES]	TOLERANCES UNLESS OTHERWISE SPECIFIED:
	0 PLC ± -
	1 PLC ± -
	2 PLC ± 0.203[.008]
	3 PLC ± -
	4 PLC ± -
	ANGLES ± 5°
MATERIAL	FINISH

DWN	KIRAN HOLAL	03APR12
CHK	ROHDE DANIEL	03APR12
APVD	ROHDE DANIEL	03APR12
PRODUCT SPEC	-	-
APPLICATION SPEC	-	-
WEIGHT	-	-



NAME				WIRE TERMINAL P.I.D.G-SPADE WIRE SIZE 22-16 AWG				
SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO					
A3	00779	C-327717	-					
CUSTOMER DRAWING			SCALE	10:1	SHEET	1 OF 1	REV	J2