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320574 Product Details

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320574

TE Internal Number: 320574

Active

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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

[View all Features](#)

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Documentation & Additional Information

Product Drawings:

- [WIRE TERMINAL P.I.D.G RING TONGUE WIRE SIZE: 16-14 \(PDF, English\)](#)

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 \(STEP, Version F\)](#)

[List all Documents](#)

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]) = 4.82 [0.190]
- Stud Size = 10
- Shape = RING-041
- Heavy Duty = No
- Finish = Tin
- Color = Blue

Electrical Characteristics:

- Voltage (VAC) = 300

Termination Features:

- Wire/Cable Size (CMA) = 2,050 - 5,180

Dimensions:

- Insulation Diameter (mm [in]) = 3.81 [.150] Max.

Body Features:

- Body Style = PIDG
- Wire Range (mm [AWG]) = 1.25-2.00² [16-14]
- 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

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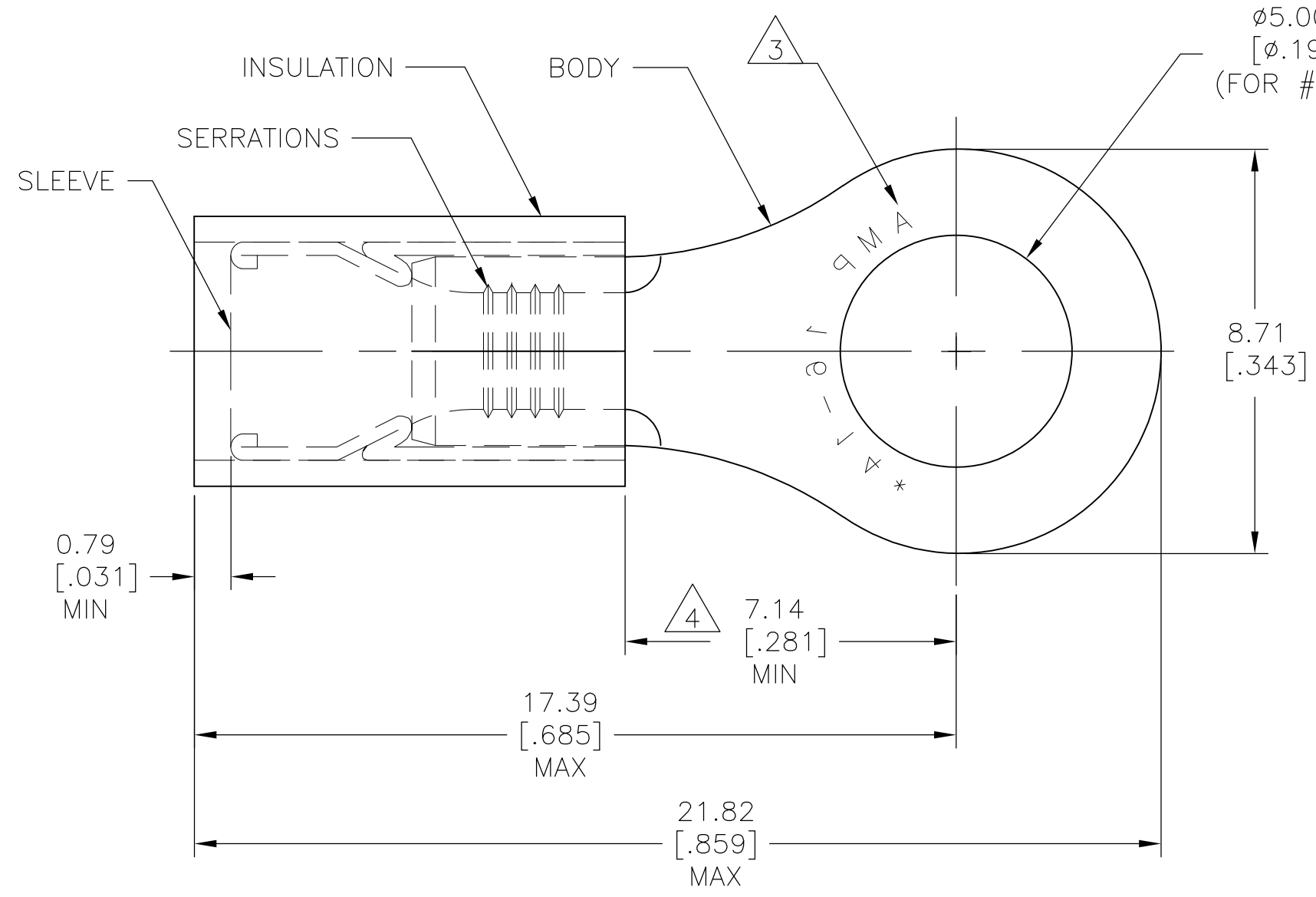
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LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
	F2	NEW DRAWING PER ECO-11-019045	03APR12	KH	DR



AMP WIRE RANGE	Listed FILE E13288
16-14 AWG SOLID OR STRANDED	16-14 AWG SOLID OR STRANDED

- 1 FOR 2.68[.105] TO 3.81[.150] WIRE INSULATION DIA
- 2 TONGUE MATERIAL THK: 0.79±0.05[.031±.002]
- 3 STAMP AMP 16-14* APPROX AS SHOWN,
- 4 DIMENSION APPLIES FROM EDGE OF METAL WIRE BARREL TO CENTER OF STUD HOLE.
- 5 MATERIAL: BODY & SLEEVE: COPPER PER ASTM B152. INSULATION : NYLON
- 6 FINISH: BODY & SLEEVE: TIN PLATE PER ASTM B545. INSULATION: COLOR-BLUE.

QTY	PACKAGE TYPE	PART NO
100	LOOSE PC, BOX	8-320574-1
5000	ON TAPE REEL	2-320574-2
1000	LOOSE PIECE	320574

AMP INCORPORATED
CUSTOMER SERVICE SYSTEMS

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 PRODUCT INFORMATION CENTER
 1-800-522-6752

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 TOOLING ASSISTANCE CENTER
 1-800-722-1111

FOR ORDER ENTRY
 1-800-526-5142

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

VOLTAGE RATING:
 300V MAX

WIRE CROSS SECTIONAL AREA RANGE:
 1.04-2.62mm² [2,050-5,180] 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
5	6

DWN KIRAN HOLAL 02APR12	TE Connectivity
CHK ROHDE DANIEL 02APR12	
APVD ROHDE DANIEL 02APR12	
NAME	
PRODUCT SPEC	WIRE TERMINAL P.I.D.G RING TONGUE WIRE SIZE: 16-14
APPLICATION SPEC	SIZE CAGE CODE DRAWING NO RESTRICTED TO
WEIGHT	A3 00779 C-320574
CUSTOMER DRAWING	SCALE 8:1 SHEET 1 OF 1 REV F2