



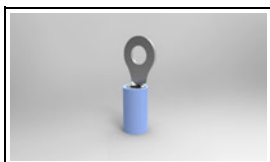
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320565 Product Details

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320565

TE Internal Number: 320565

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:

- [TERMINAL, RING TONGUE, P.I.D.G. WIRE SIZE: 16-14 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 \(DXF, Version G1\)](#)
- [3D Model \(IGES, Version G1\)](#)
- [3D Model \(STEP, Version G1\)](#)

[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]) = 4.34 [0.171]
- Stud Size = 8 [M4]
- 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]) = 2.92 - 4.31 [.115 - .170]

Body Features:

- Body Style = PIDG
- Wire Range (mm [AWG]) = 1.25-2.00² [16-14]
- Material = Copper
- Tongue Material Thickness (mm [in]) = 0.79 [0.031]
- 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

Conditions for Usage:

- Temperature Range (°C) = 105

Packaging Features:

- Packaging Method = Loose Piece

Other:

- Brand = AMP
- Comment = Available On-Tape for Automatic Termination.

Corporate Information

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Quick Links

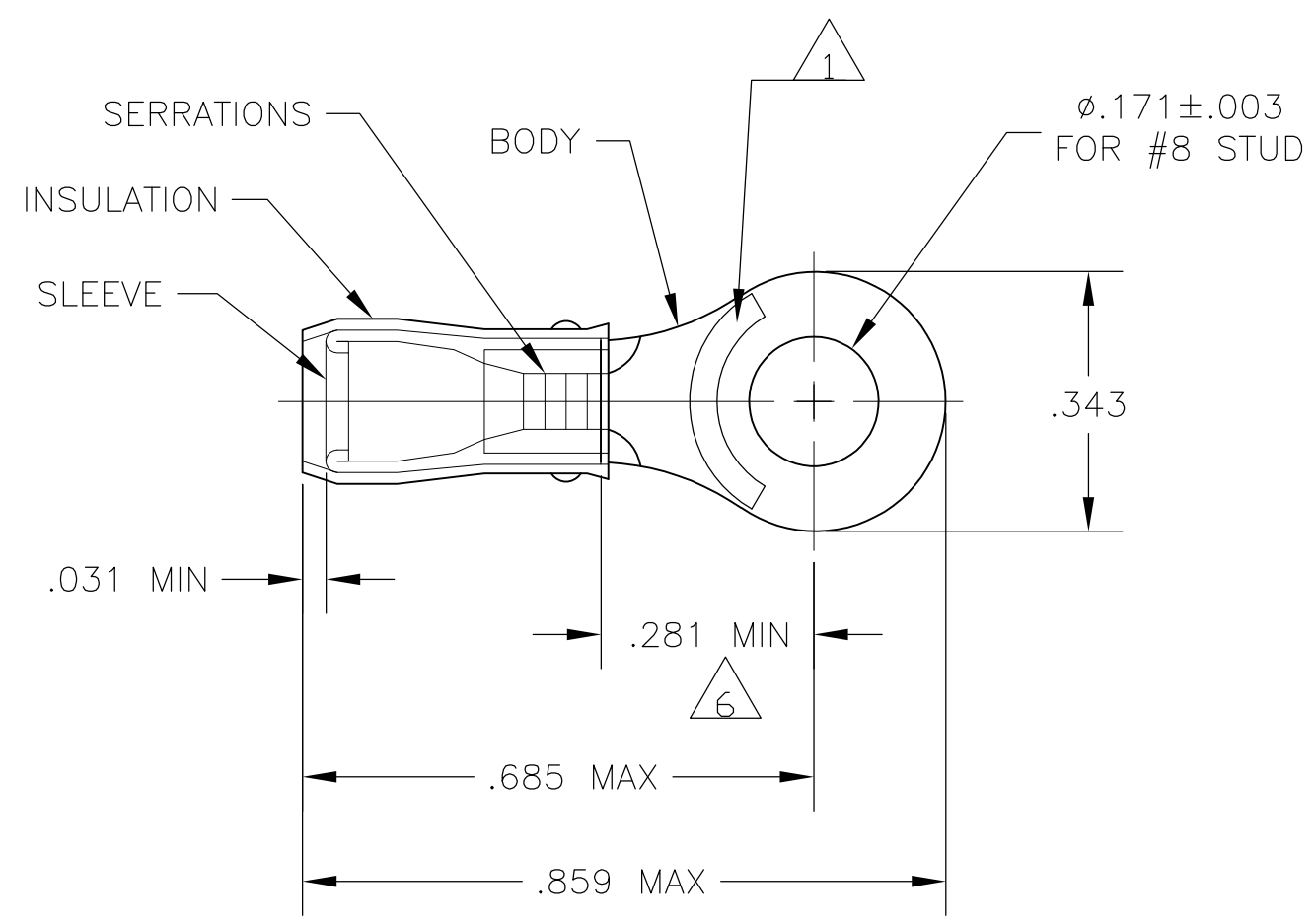
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LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
G	14		G2	REVISED PER ECO-11-004587	11MAR11	RK	HMR



- 1 STAMP AMP 16-14* APPROX AS SHOWN
- 2 WIRE INSULATION DIA: .115-.170
- 3 TONGUE MATERIAL THK: .031±.002
- 4 BODY & SLEEVE: TIN PLATE PER ASTM B545,
- 5 BODY & SLEEVE- CU PER ASTM B152 INSULATION - NYLON, COLOR - BLUE
- 6 APPLIES FROM EDGE OF METAL WIRE BARREL TO CENTER OF STUD HOLE.

100	LOOSE PIECE, BOX	8-320565-1
5000	320565 ON TAPE	2-320565-1
1000	LOOSE PIECE	320565
QTY	PACKAGE TYPE	PART NO

AMP INCORPORATED
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:
 -

CIRCULAR MIL AREA:
 1.04-2.62mm² [2,050-5,180] STRANDED

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:
INCHES	
	0 PLC ± -
	1 PLC ± -
	2 PLC ± -
	3 PLC ± -
	4 PLC ± -
	ANGLES ± -
MATERIAL	FINISH
- 5	- 4

DWN	JR RUTH	16JAN07
CHK	T MICHELUTTI	16JAN07
APVD	T MICHELUTTI	16JAN07
PRODUCT SPEC	-	
APPLICATION SPEC	-	
WEIGHT	-	
CUSTOMER DRAWING		

STE TE Connectivity

NAME: TERMINAL, RING TONGUE, P.I.D.G. WIRE SIZE: 16-14 AWG

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	00779	C-320565	-

SCALE: 4:1 SHEET: 1 OF 1 REV: G2