TE connectivity

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320882 Product Details

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320882

TE Internal Number: 320882

Active

View 3D PDF

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

Quick Links
- Pricing & Availability
- Search for Tooling
- Product Feature Selector
- Contact Us About This Product

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Documentation & Additional Information

Product Drawings:
- TERMINAL, RING TONGUE, PIDG TM 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 H1)
- 3D Model (IGES, Version H1)
- 3D Model (STEP, Version H1)

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]) = 3.02 [0.119]
- Stud Size = 4
- Shape = RING-041
- 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]) = 2.67 - 3.56 [.105 - .140]
- Length (mm [in]) = 16.99 [0.668]

Body Features:
- Body Style = PIDG
- Wire Range (mm [AWG]) = 0.30-1.40² [22-16]
- Material = Copper
- Tongue Material Thickness (mm [in]) = 0.79 [0.031]
- Insulation Material = Nylon
- Insulation Sleeve Material = Copper

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
- Packaging Quantity = 1,000

Other:
- Brand = AMP

Corporate Information
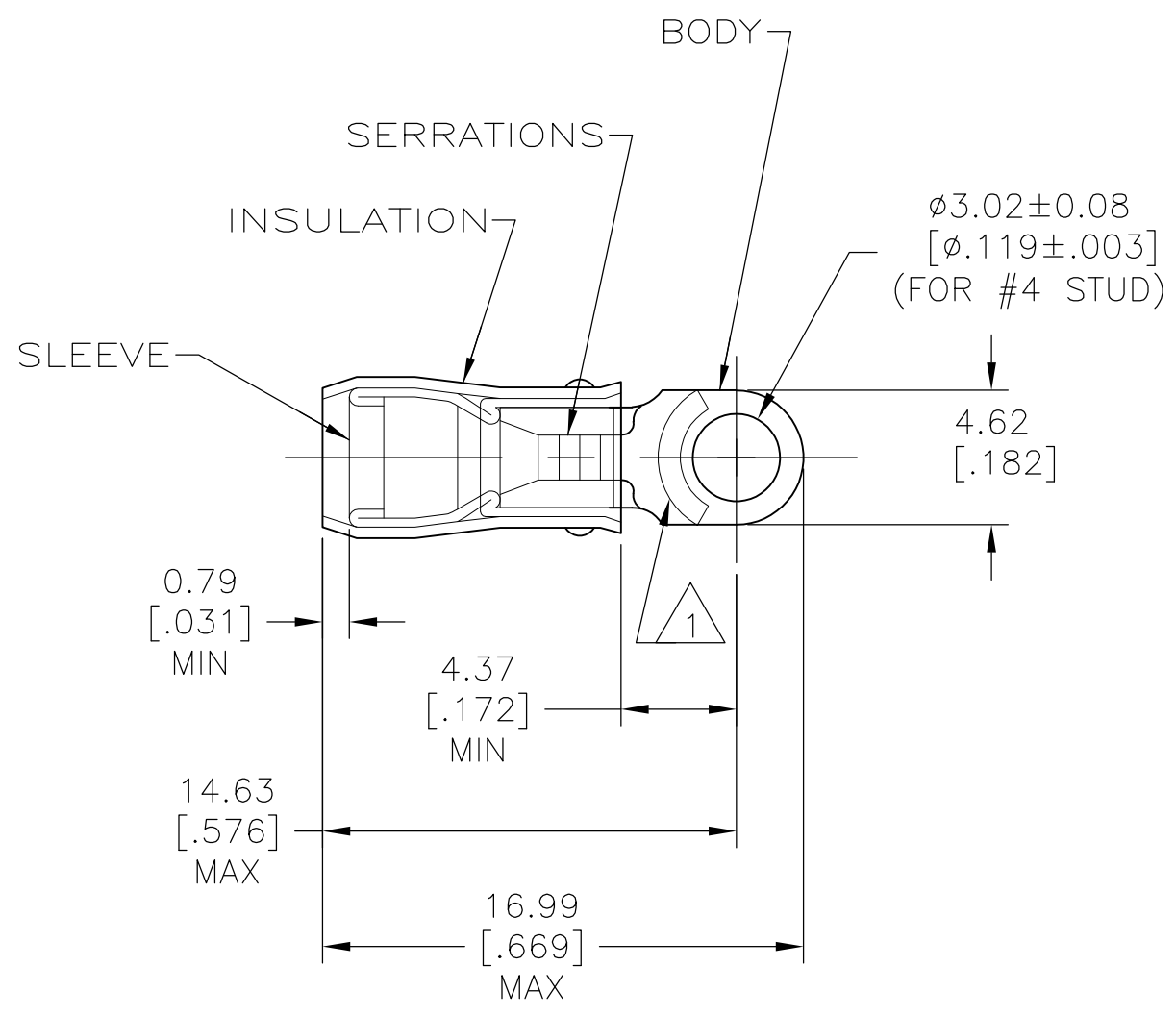
About TE

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Quick Links

Distributor Inventory

Product Cross Reference

Documents & Drawings

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Knowledge Base

RELEASED FOR PUBLICATION — —, .

LOC	DIST				REVISIONS			
G	14	P	LTR		DESCRIPTION	DATE	DWN	APVD
			H1		REVISED PER ECR-09-009100	28APR09	HMR	TM

BODY

SERRATIONS

INSULATION

SLEEVE

ø3.02±0.08
[ø.119±.003]
(FOR #4 STUD)

4.62
[.182]

0.79
[.031]
MIN

4.37
[.172]
MIN

14.63
[.576]
MAX

16.99
[.669]
MAX

AMP WIRE RANGE	(UL) E13288	(CSA) LR7189 Certified
22-16 AWG SOLID OR STRANDED	22-16 AWG SOLID OR STRANDED	22-16 AWG SOLID OR STRANDED

△1 STAMP AMP 22-18* APPROX AS SHOWN
22-16 TERMINALS ARE STAMPED 22-18 IN
ACCORDANCE WITH MILITARY SPEC MIL-T-7928
COMMERCIAL WIRE RANGE IS 22-16

2   WIRE INSUL DIA, 2.67-3.56 [.105-.140]

3   TONGUE MATERIAL THK, 0.79±0.05 [.031±.002]

100	LOOSE PIECE, BOX	8-320882-1
5000	ON TAPE, REEL	2-320882-1
1000	LOOSE PIECE	320882
QTY	PACKAGE TYPE	PART NO

AMP INCORPORATED CUSTOMER SERVICE SYSTEM		MAX RECOMMENDED OPERATING TEMPERATURE: 105°C [221°F]	THIS DRAWING IS A CONTROLLED DOCUMENT.	DWN M ELLIS 16JUN95	Tyco Electronics	Tyco Electronics Corporation Harrisburg, PA 17105-3608
FOR ADDITIONAL PRODUCT INFORMATION OR COPIES OF DRAWINGS AND TECHNICAL DOCUMENTS	PRODUCT INFORMATION CENTER 1-800-522-6752	VOLTAGE RATING: 300 V MAX —	DIMENSIONS: mm [INCHES] / TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±– 1 PLC ±– 2 PLC ±0.20[.008] 3 PLC ±– 4 PLC ±– ANGLES ±–	CHK C PRESNELL 16JUN95 / APVD N BIRCH 16JUN95 / PRODUCT SPEC UL 486A / APPLICATION SPEC —	NAME	TERMINAL, RING TONGUE, PIDG TM WIRE SIZE, 22-16 AWG
FOR APPLICATION TOOLING INFORMATION	TOOLING ASSISTANCE CENTER 1-800-722-1111	CIRCULAR MIL AREA: 0.26mm²-1.65mm² [509-3260]	MATERIAL BODY,SLV,COPPER PER ASTM-B-152 INSUL, NYLON, COLOR, RED / FINISH BODY & SLV,TIN PLATE PER ASTM-B-545	WEIGHT —	SIZE A3	CAGE CODE 00779	DRAWING NO C-320882	RESTRICTED TO —
FOR ORDER ENTRY	1-800-526-5142	—		CUSTOMER DRAWING	SCALE 4:1	SHEET 1 OF 1	REV H1

1470-19 (1/08)