My Cart | My Part Lists | Sign In/Register   English (Change)

Have a Question?
Chat with a Product
Information Specialist

What can we help you find?

Products   **Industries**   **Resources**   **About TE**   **My Account**   **Innovation**   **Support Center**

323008 Product Details

Share   Print   Email

323008

TE Internal Number: 323008

✔ 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

Add to My Part List   Request Sample   Find Similar Products   Buy Product

---

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 G)
- 3D Model (IGES, Version G)
- 3D Model (STEP, Version G)

Related Products:
- Tooling

List all Documents

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]) = 3.68 [0.145]
- Stud Size = 6 [M3.5]
- 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]) = 2.03-3.18 [.080-.125]
- Length (mm [in]) = 21.44 [0.844]

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 Sleeve 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

About TE

Investors

News Room

Quick Links

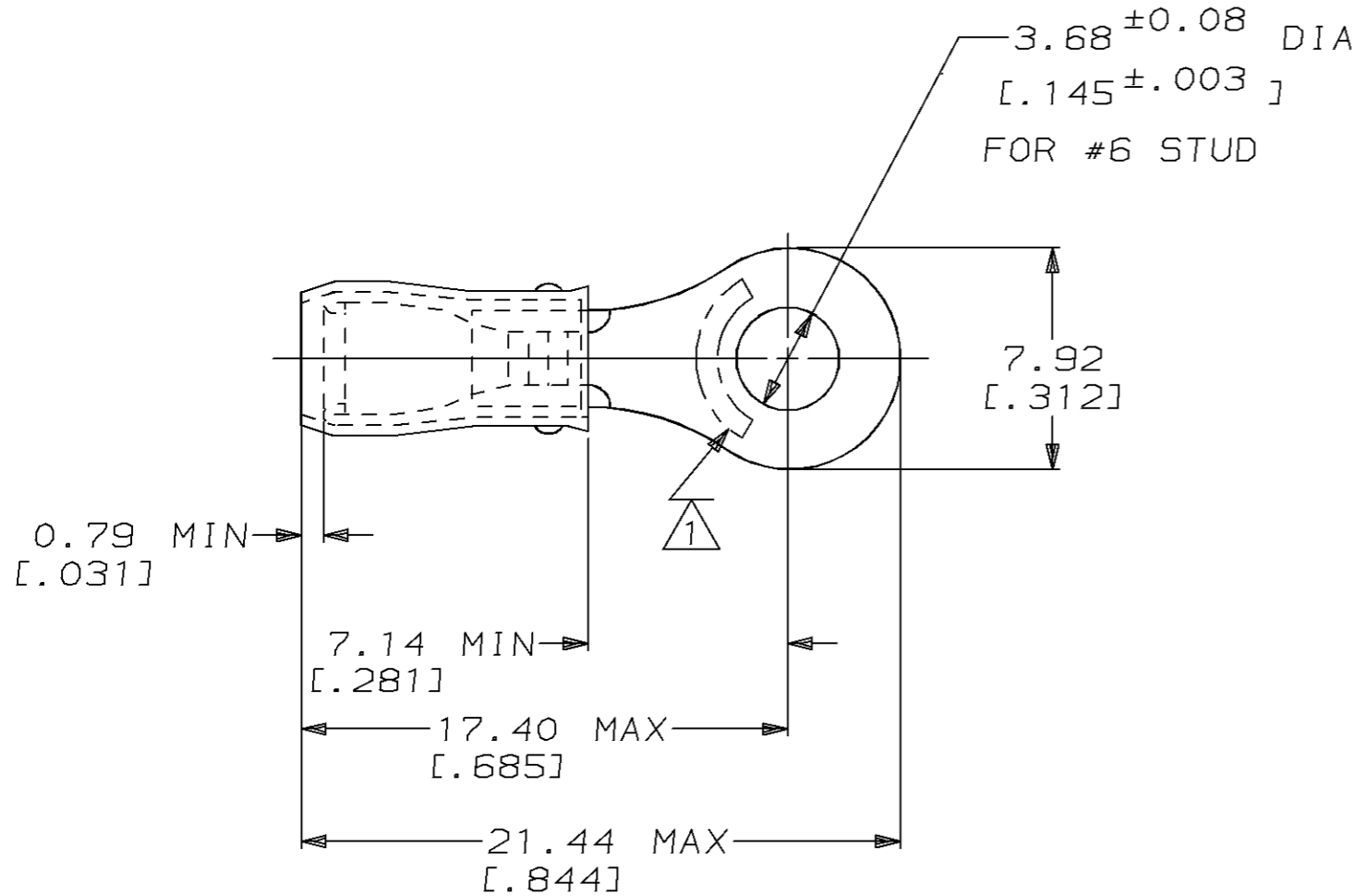Distributor Inventory

Product Cross Reference

Documents & Drawings

Customer Support

Email or Chat With Us

Find a Phone Number

Knowledge Base

DRAWING MADE IN THIRD ANGLE PROJECTION

4 3 2 1

LOC	DIST				REVISIONS			
G	14	P	F	ZONE	LTR	DESCRIPTION	DATE	APPD
					G	REV / OL20-0025-97	30JAN97	ME TM

AMP WIRE RANGE	UL Listed	CSA LR7189 Certified
22-16 AWG SOLID OR STRANDED	22-16 AWG SOLID OR STRANDED	22-16 AWG SOLID OR STRANDED

3.68 ±0.08 DIA
[.145 ±.003]
FOR #6 STUD

7.92
[.312]

0.79 MIN
[.031]

7.14 MIN
[.281]

17.40 MAX
[.685]

21.44 MAX
[.844]

△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 INSULATION DIA: .080 - .125

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

	5000	ON TAPE, REEL	2-323008-1
-	-	LOOSE PIECE	323008
-	MILITARY P/N AND CLASS	QUANTITY	PACKAGE TYPE	PART NO

AMP INCORPORATED
CUSTOMER SERVICE SYSTEMS

		MAX RECOMMENDED OPERATING TEMPERATURE:	MILITARY P/N AND CLASS	QUANTITY	PACKAGE TYPE	PART NO

MAX RECOMMENDED OPERATING TEMPERATURE:
105°C MAX

VOLTAGE RATING:
300 V MAX

WIRE CROSS SECTIONAL AREA RANGE:
0.26-1.65mm² [509-3,260] CIR MILS
SOLID OR STRANDED

DO NOT SCALE PRINT.
UNLESS SPECIFIED
DIMENSIONS IN mm [INCHES]
TOLERANCES ON:
2 PLC DEC ± 0.20[.008]
3 PLC DEC ± -
ANGLES ± -

DR	02/11/93 DK SCHRUM
CHK	4/28/93 RE HERSEY
APPD	4/28/93 ML ELLIS
APPD	4/28/93 M BARNABA

MATERIAL
COPPER PER ASTM B-152
SLEEVE, RED NYLON

FINISH
TIN PLATE
PER MIL-T-10727

PRODUCT SPEC
UL 486A

APPLICATION SPEC
NOT AVAILABLE

AMP Incorporated
Harrisburg, PA 17105-3608

NAME
TERMINAL, RING TONGUE,
PIDG™, WIRE SIZE, 22-16 AWG

SIZE	CAGE CODE	DRAWING NO
B	00779	C-323008
SCALE 4:1		SHEET 1 OF 1

CUSTOMER DRAWING