



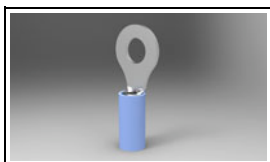
Have a Question?
 Chat with a Product
 Information Specialist

What can we help you find?

[Products](#) |
 [Industries](#) |
 [Resources](#) |
 [About TE](#) |
 [My Account](#) |
 [Innovation](#) |
 [Support Center](#)

320563 Product Details

[Share](#) |
 [Print](#) |
 [Email](#)



320563

TE Internal Number: 320563

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 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 \(DXF, Version N1\)](#)
- [3D Model \(IGES, Version N1\)](#)
- [3D Model \(STEP, Version N1\)](#)

[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]) = 6.35 [0.250]
- Stud Size = 1/4 [M6]
- 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

Contact Features:

- Class = 1 & 2

Industry Standards:

- Government/Industry Qualification = Yes
- Government/Industry Part Number = MS25036-154
- 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](#)

Quick Links

[Distributor Inventory](#)
[Product Cross Reference](#)

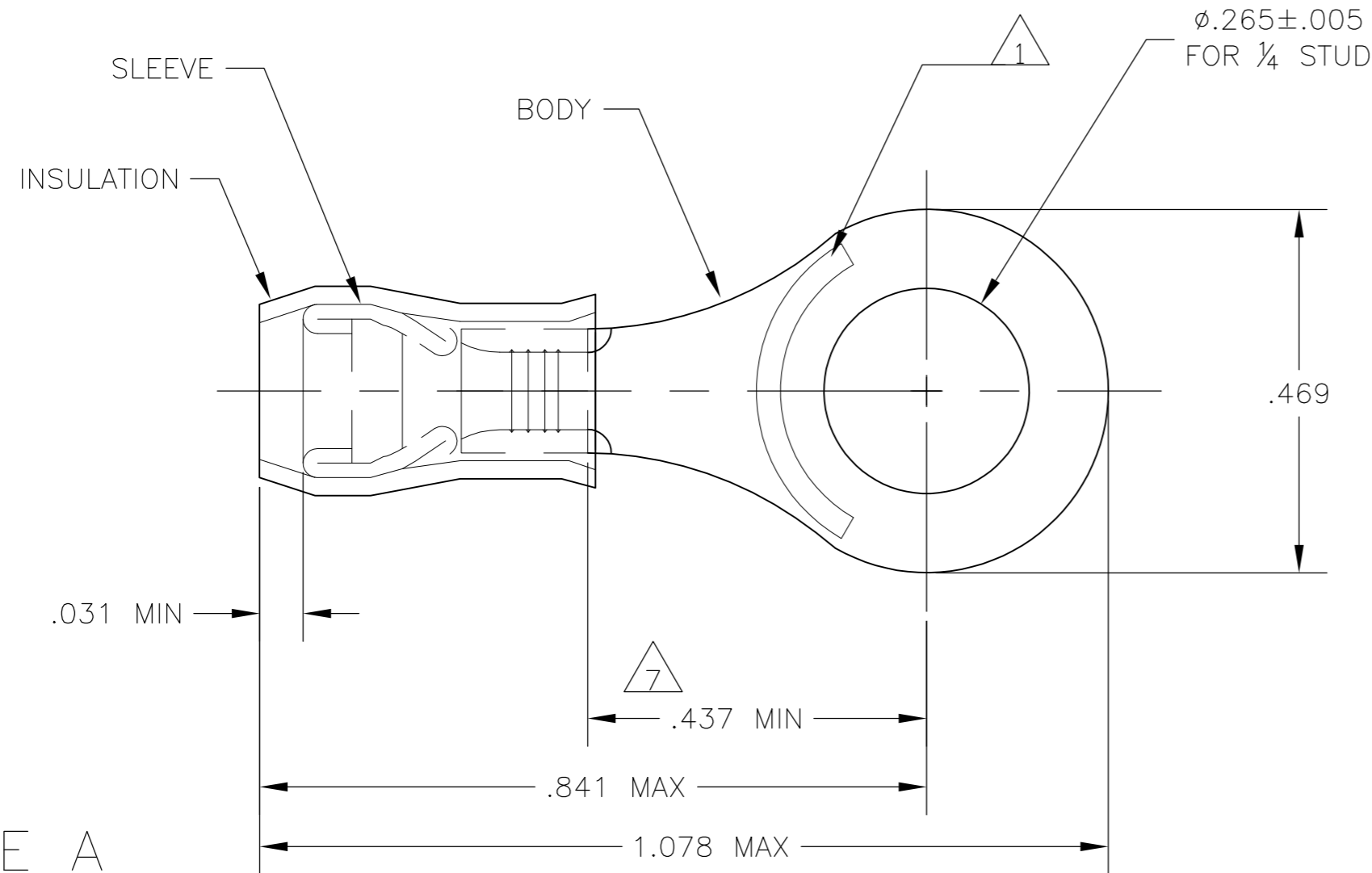
Customer Support

[Email or Chat With Us](#)
[Find a Phone Number](#)

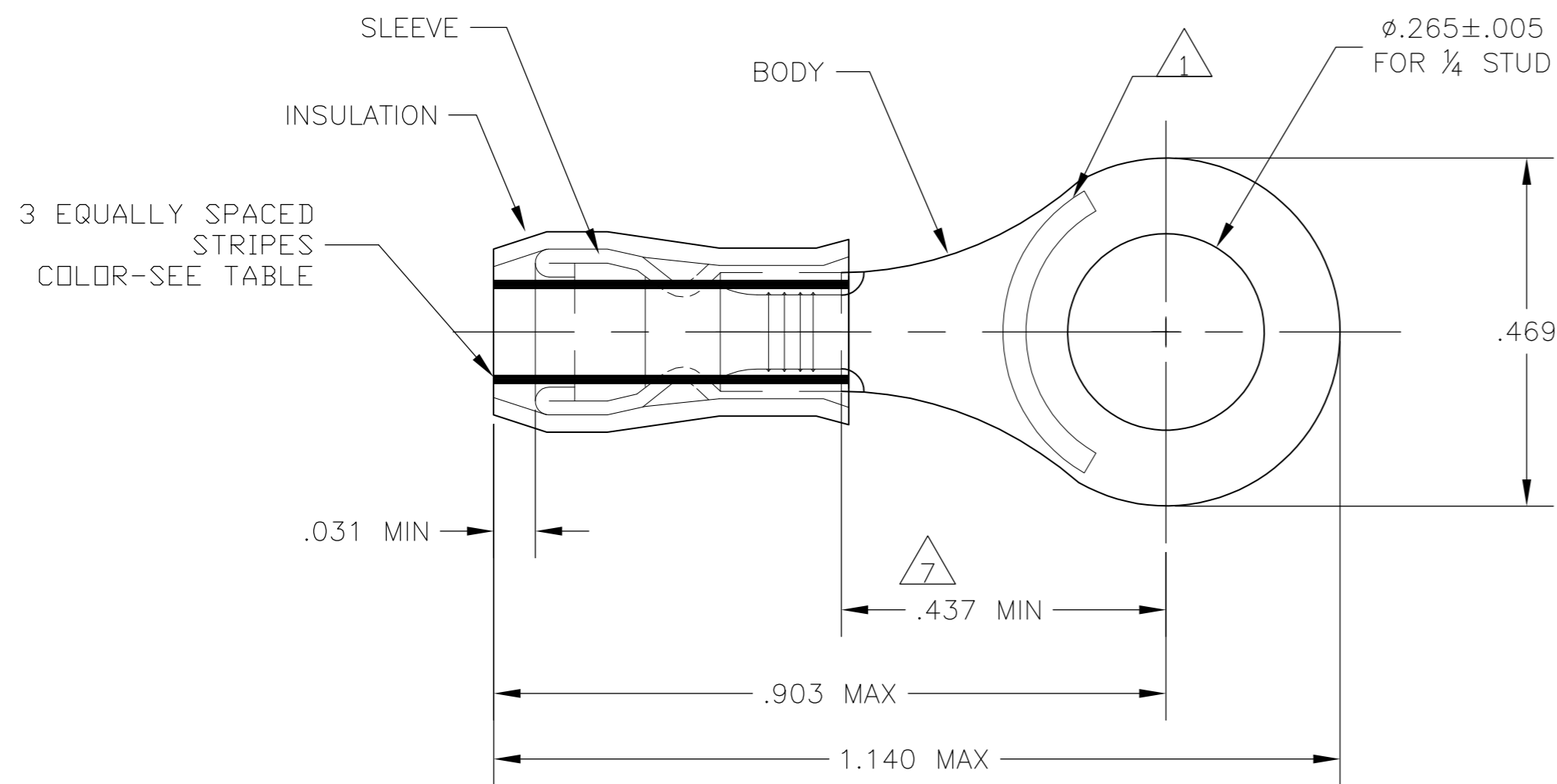
THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION
 © COPYRIGHT - By - ALL RIGHTS RESERVED.

LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
G	14				
	N3	REVISED PER ECO-11-004820	11MAR11	RK	HMR

AMP WIRE RANGE	UL E13288 Listed	LR7189 Certified
16-14 AWG SOLID OR STRANDED	16-14 AWG SOLID OR STRANDED	16-14 AWG SOLID OR STRANDED



STYLE A



STYLE B
INSULATION RESTRICTING

- 1 STAMP "AMP - SEE TABLE" APPROX AS SHOWN
- 2 WIRE INSULATION DIA: SEE TABLE
- 3 TONGUE MATERIAL THK: .031±.002
- 4 BODY: TIN PLATE .000100 MIN EXT THK PER ASTM B545
- 5 SLEEVE: TIN PLATE .000100 MIN EXT THK PER ASTM B545
- 6 BODY & SLEEVE- CU PER ASTM B152
INSULATION - NYLON PER ASTM D4066
COLOR - BLUE
- 7 APPLIES FROM EDGE OF METAL WIRE BARREL TO CENTER OF STUD HOLE.
- 8 MEETS MS25036-154, CLASS 1 & 2
- 9 MEETS MS25036-154, CLASS 2
- 10 MEETS M7928/1-43, CLASS 1 & 2
- 11 MEETS M7928/1-52, CLASS 1 & 2

OBSOLETE
OBSOLETE

QTY	PACKAGE TYPE	STAMPING	WIRE INSUL DIA	WIRE SIZE	STRIPE COLOR	STYLE	BODY FINISH	SLEEVE FINISH	PART NO
100	LOOSE PIECE, BOX		16-14	.105-.150	16-14 --	A			8-320563-1
500	320563-4 ON TAPE		14	.078-.130	14 GREEN	B			2-320563-6
500	320563-3 ON TAPE		16	.063-.130	16 BLUE	B			2-320563-5
500	LOOSE PIECE		14	.078-.130	14 GREEN	B	4	5	11 2-320563-4
500	LOOSE PIECE		16	.063-.130	16 BLUE	B			10 2-320563-3
500	320563 ON TAPE		16-14	.105-.150	16-14 --	A			9 2-320563-2
500	LOOSE PIECE		16-14	.105-.150	16-14 --	A			8 320563

CUSTOMER SERVICE SYSTEMS		MAX RECOMMENDED OPERATING TEMPERATURE: 105°C MAX	THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN JR RUTH 13JAN10	TE TE Connectivity	
FOR ADDITIONAL PRODUCT INFORMATION OR COPIES OF DRAWINGS AND TECHNICAL DOCUMENTS	PRODUCT INFORMATION CENTER 1-800-522-6752	VOLTAGE RATING: 300 VOLT MAX	DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± .008 4 PLC ± -	CHK T MICHIELUTTI 13JAN10	NAME TERMINAL, RING TONGUE, PIDG WIRE SIZE: 16-14 AWG	
FOR APPLICATION TOOLING INFORMATION	TOOLING ASSISTANCE CENTER 1-800-722-1111	CIRCULAR MIL AREA: 1.02-2.62mm² [2,050-5,180] STRANDED OR SOLID		FINISH	APVD T MICHIELUTTI 13JAN10	SIZE A2	CAGE CODE 00779
FOR ORDER ENTRY	1-800-526-5142	THIS DRAWING IS A CONTROLLED DOCUMENT FOR AMP INCORPORATED. IT IS SUBJECT TO CHANGE AND THE CONTROLLING ENGINEERING ORGANIZATION SHOULD BE CONTACTED FOR THE LATEST REVISION.	MATERIAL - 6		PRODUCT SPEC -	DRAWING NO C=320563	RESTRICTED TO -
				CUSTOMER DRAWING	WEIGHT -	SCALE 5:1	SHEET 1 of 1
						REV N3	