TE connectivity

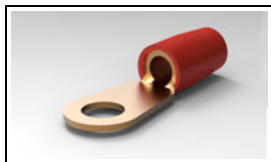**Have a Question?**
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Information Specialist

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324082 Product Details

➕ **Share**   🖨 **Print**   ✉ **Email**

324082

TE Internal Number: 324082

✅ 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 = TERMINYL
- 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

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Documentation & Additional Information

Product Drawings:
- TERMINAL, RING TONGUE, TERMINYL WIRE SIZE: 8 AWG (PDF, English)

Catalog Pages/Data Sheets:
- None Available

Product Specifications:
- None Available

Application Specifications:
- None Available

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)

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]) = 6.35 [0.250]
- Stud Size = 1/4 [M6]
- Shape = RING-047
- Heavy Duty = No
- Finish = Tin
- Color = Red

Termination Features:
- Wire/Cable Size (CMA) = 13,100 – 20,800

Dimensions:
- Insulation Diameter (mm [in]) = 6.50 [.256] Max.

Body Features:
- Body Style = TERMINYL
- Wire Range (mm [AWG]) = 8.00² [8]
- Material = Copper
- Tongue Material Thickness (mm [in]) = 1.09 [0.043]
- Insulation Material = Nylon

Contact Features:
- Class = 2

Industry Standards:
- Government/Industry Qualification = Yes
- Government/Industry Part Number = MS25036-116
- 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
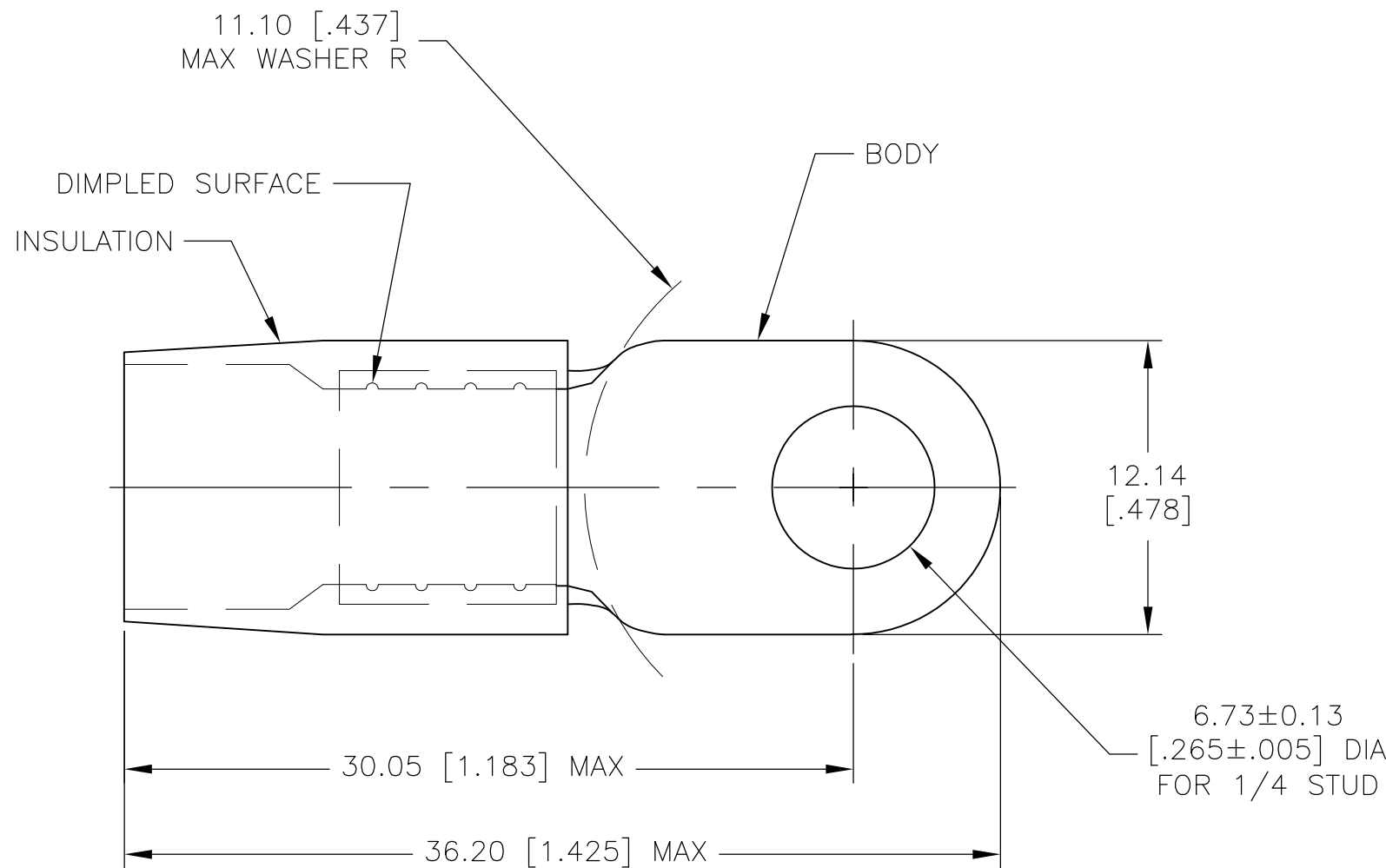
Other:
- Brand = AMP

LOC	DIST			REVISIONS			
G	14	P	LTR	DESCRIPTION	DATE	DWN	APVD
			F2	REVISED PER ECO-11-004820	11MAR11	RK	HMR

AMP
WIRE RANGE

8 AWG
STRANDED

11.10 [.437]
MAX WASHER R

DIMPLED SURFACE

INSULATION

BODY

12.14
[.478]

30.05 [1.183] MAX

36.20 [1.425] MAX

6.73±0.13
[.265±.005] DIA
FOR 1/4 STUD

1   TONGUE MATERIAL THK 1.02±0.08 [.040±.003]

2   FOR 6.50 [.256] MAX WIRE INSULATION DIA

△3   BODY – COPPER PER ASTM B-152
     INSULATION – NYLON, (MIL-M-20693) TYPE 1

△4   BODY – TIN PLATE PER ASTM B-545
     INSULATION – COLOR-RED

MS25036-116 CLASS 2	–	LOOSE PC	324082
MILITARY P/N AND CLASS	QTY	PACKAGE TYPE	PART NUMBER

MAX RECOMMENDED OPERATING TEMPERATURE:	THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN JR RUTH 6-21-93		
105°C [221°F]			CHK R. HERSEY 6-21-93	**=TE** TE Connectivity	
VOLTAGE RATING:	DIMENSIONS: mm [INCHES]	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD M ELLIS 6-21-93	NAME	
N/A		0 PLC ± –	PRODUCT SPEC –	TERMINAL, RING TONGUE, TERMINYL WIRE SIZE: 8 AWG	
		1 PLC ± –			
		2 PLC ± 0.20[.008]	APPLICATION SPEC	–	
CIRCULAR MIL AREA:		3 PLC ± –	–		
6.64-10.5mm² [13,100-20,800] STRANDED	MATERIAL △3	4 PLC ± – ANGLES ± –	WEIGHT –	SIZE A3	CAGE CODE 00779	DRAWING NO C-324082	RESTRICTED TO –
		FINISH △4	CUSTOMER DRAWING	SCALE 4:1	SHEET 1 OF 1	REV F2