TE connectivity

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324047 Product Details

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324047

TE Internal Number: 324047

✔ 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

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Documentation & Additional Information

Product Drawings:
- TERMINAL, RING TONGUE, TERMINYL WIRE SIZE: 6 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 H)
- 3D Model (IGES, Version H)
- 3D Model (STEP, Version H)

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-047
- Heavy Duty = No
- Finish = Tin
- Color = Blue

Termination Features:
- Wire/Cable Size (CMA) = 20,800 – 33,100

Contact Features:
- Class = 2

Industry Standards:
- Government/Industry Qualification = Yes
- Government/Industry Part Number = MS25036-120
- 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

Dimensions:

- Insulation Diameter (mm [in]) = 7.98 [.314] Max.

Body Features:

- Body Style = TERMINYL
- Wire Range (mm [AWG]) = 13.00-15.00² [6]
- Material = Copper
- Tongue Material Thickness (mm [in]) = 1.22 [0.048]
- Insulation Material = Nylon

Corporate Information

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Product Compliance Support Center

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4	3	2	1

LOC	DIST			REVISIONS			
G	14	P	LTR	DESCRIPTION	DATE	DWN	APVD
			H1	REVISED PER ECO−11−004917	11MAR11	RK	HMR

AMP
WIRE RANGE

6 AWG
STRANDED

METRIC

DIMENSIONS LISTED IN mm [INCHES]
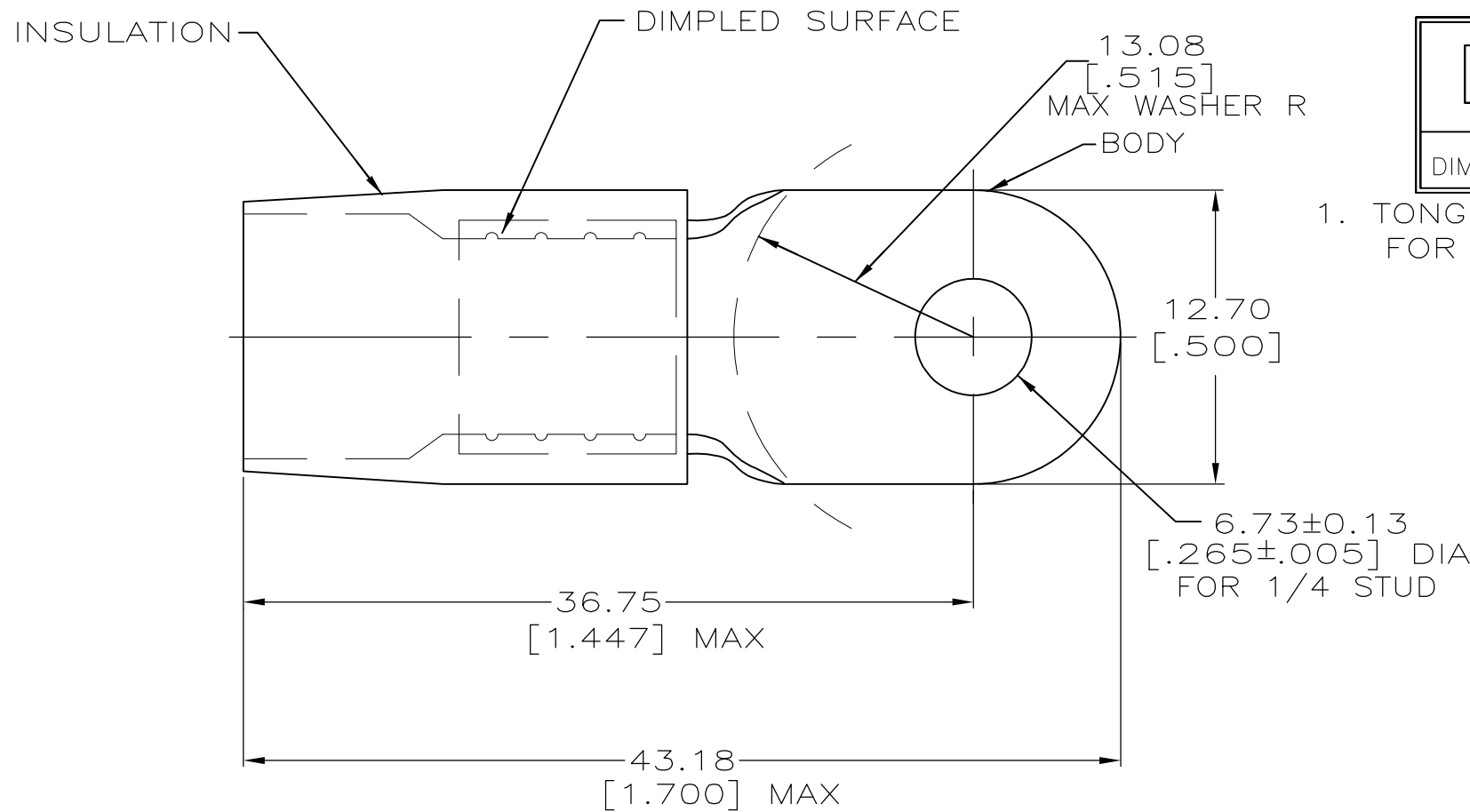
1. TONGUE MATERIAL THK 1.14±0.08[.045±.003]
FOR 7.98[.314] MAX WIRE INS DIA

INSULATION

DIMPLED SURFACE

13.08
[.515]
MAX WASHER R

BODY

12.70
[.500]

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

36.75
[1.447] MAX

43.18
[1.700] MAX

MS25036−120 CLASS 2	−	LOOSE PC	324047
MILITARY P/N AND CLASS	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

VOLTAGE RATING:
−

CIRCULAR MIL AREA:
10.5−16.8mm² [20,800−33,100]
STRANDED

DIMENSIONS:
mm[INCHES]

MATERIAL
COPPER PER ASTM B−152
NYLON (MIL−M−20693) TYPE 1
COLOR: BLUE

THIS DRAWING IS A CONTROLLED DOCUMENT.

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC	± −
1 PLC	± −
2 PLC	± 0.20[.008]
3 PLC	± −
4 PLC	± −
ANGLES	± −

FINISH
TIN PLATE PER MIL−T−10727

DWN S.S. GOULDEN	6−18−93
CHK R. HERSEY	6−18−93
APVD B. BARE	6−18−93
PRODUCT SPEC —	
APPLICATION SPEC —	
WEIGHT —	

TE TE Connectivity

NAME
TERMINAL, RING TONGUE, TERMINYL
WIRE SIZE: 6 AWG

SIZE A3	CAGE CODE 00779	DRAWING NO C−324047	RESTRICTED TO −

CUSTOMER DRAWING

SCALE NTS	SHEET 1 OF 1	REV H1

1470−19 (3/11)