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8-36160-1 Product Details

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8-36160-1

TE Internal Number: 8-36160-1

✔ 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

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

Related Products:
- Tooling

List all Documents

Product Features (Please use the Product Drawing for all design activity)

Product Type Features:
- Receptacle Style = Straight
- Barrel Type = Closed Barrel
- Wire/Cable Type = Regular Wire
- Insulation = Yes
- Insulation Support = Insulation Support
- Stud Size = 10
- 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]) = 4.32 [.170] Max.
- Stud Diameter (mm [in]) = 5.00 [0.197]
- Tongue Material Thickness (mm [in]) = 0.79 [0.031]

Body Features:
- Body Style = PIDG
- Wire Range (mm [AWG]) = 1.25-2.00² [16-14]
- Material = Copper
- Insulation Material = Nylon

Contact Features:
- Terminal Shape = Ring Tongue

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 = 100/Box

Other:
- Brand = AMP

Corporate Information
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Quick Links
Distributor Inventory
Product Cross Reference
Documents & Drawings
Product Compliance Support Center

Customer Support
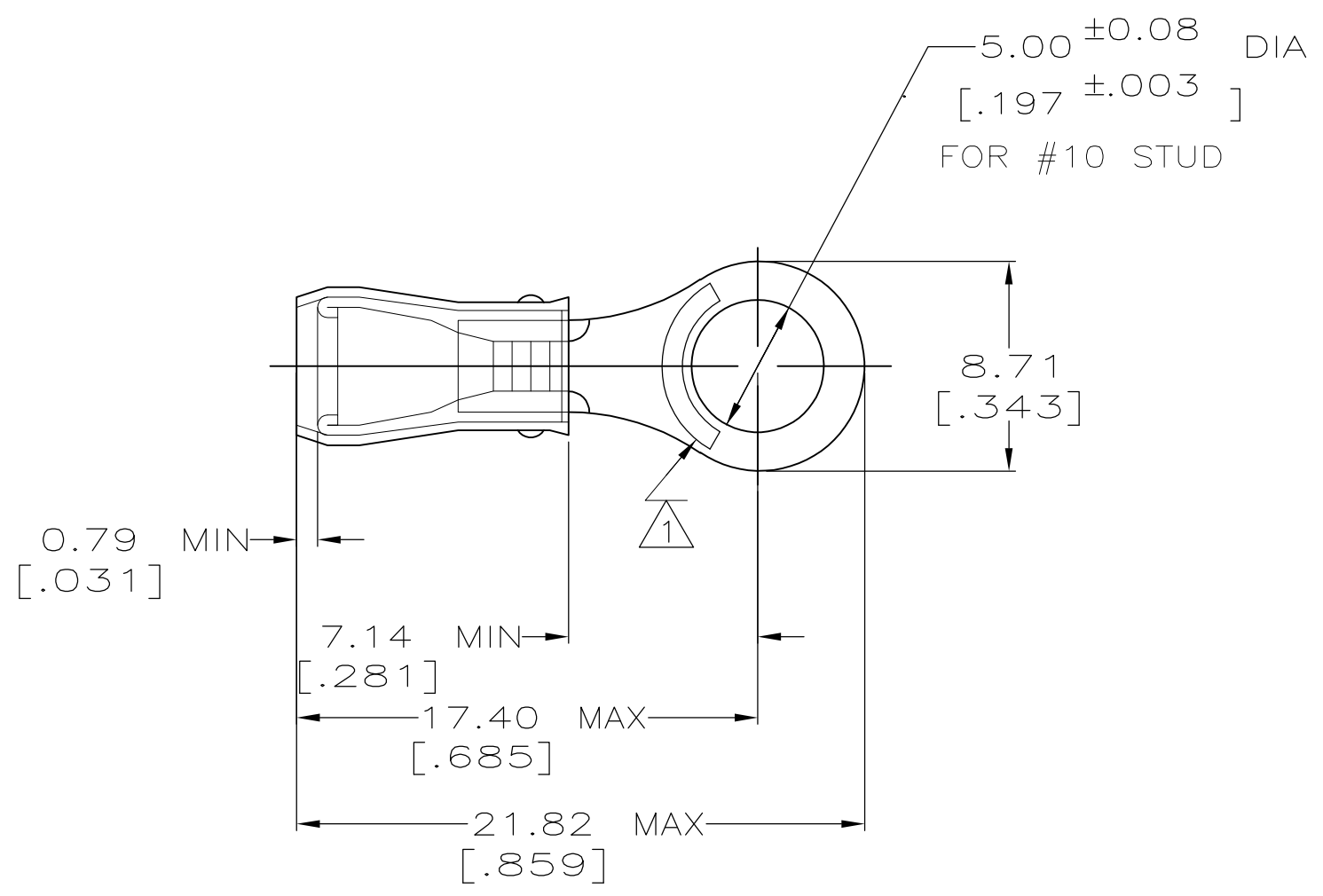Email or Chat With Us
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LOC	DIST			REVISIONS			
G	14	P	LTR	DESCRIPTION	DATE	DWN	APVD
			M2	REVISED PER ECO-11-004587	11MAR11	RK	HMR

5.00 ±0.08 DIA
[.197 ±.003]
FOR #10 STUD

8.71
[.343]

0.79 MIN
[.031]

7.14 MIN
[.281]

17.40 MAX
[.685]

21.82 MAX
[.859]

△1

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

△1 STAMP AMP 16-14* APPROX AS SHOWN
STAMP MAY BE ON TOP OR BOTTOM.

2   WIRE INSUL DIA, 2.92-4.32 [.115-.170]

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

△4 SUPERSEEDED BY 8-36160-5

	QUANTITY	PACKAGE TYPE	PART NO
△4	~~25~~	~~LOOSE PIECE,BLS~~	~~9-36160-4~~
	50	LOOSE PIECE,BAG	8-36160-5
△4	~~5~~	~~LOOSE PIECE,BLS~~	~~8-36160-4~~
	100	LOOSE PIECE, BOX	8-36160-1
	5000	ON TAPE, REEL	2-36160-1
	1000	LOOSE PIECE	36160

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 [221°F]

VOLTAGE RATING:
300 V MAX

WIRE CROSS SECTIONAL AREA RANGE:
1.04-2.62mm²

MATERIAL
COPPER ASTM B-152
SLEEVE BLUE NYLON

DIMENSIONS:
INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC   ± –
1 PLC   ± –
2 PLC   ± 0.20[.008]
3 PLC   ± –
4 PLC   ± –
ANGLES   ± –

FINISH
TIN PLATE
ASTM B545

DWN	JR RUTH	17DEC99
CHK	RE HERSEY	17DEC99
APVD	T MICHIELUTTI	17DEC99

PRODUCT SPEC
UL 486A

APPLICATION SPEC
114-2157

WEIGHT   –

≡TE   TE Connectivity

NAME
TERMINAL, RING TONGUE,
PIDG™, WIRE SIZE: 16-14 AWG

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	00779	C-36160	–

CUSTOMER DRAWING

SCALE 4:1   SHEET 1 OF 1   REV M2

1470-19 (3/11)