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Have a Question?
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TE connectivity

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321600 Product Details

Share   Print   Email

321600

TE Internal Number: 321600

✔ 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 = SOLISTRAND
- Barrel Type = Closed Barrel
- Wire/Cable Type = Regular Wire

View all Features

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┌─ **Quick Links** ─────────────┐
- Pricing & Availability
- Search for Tooling
- Product Feature Selector
- Contact Us About This Product

Documentation & Additional Information

Product Drawings:
- TERMINAL, RING TONGUE, SOLISTRAND (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 M)
- 3D Model (IGES, Version M)
- 3D Model (STEP, Version M)

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 = No
- Insulation Support = Non-Insulation Support
- Stud Diameter (mm [in]) = 9.91 [0.390]
- Stud Size = 3/8 [9.53]
- Shape = RING-051
- Heavy Duty = No
- Finish = Tin

Termination Features:
- Wire/Cable Size (CMA) = 52,600 – 83,700

Dimensions:
- Barrel I.D. Min. (mm [in]) = 9.39 [0.370]

Contact Features:
- Class = 2

Industry Standards:
- Government/Industry Qualification = Yes
- Government/Industry Part Number = MS20659-114
- 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

Body Features:
- Body Style = SOLISTRAND
- Wire Range (mm [AWG]) = 34.00-35.00² [2]
- Material = Copper
- Stock Thickness (mm [in]) = 1.78 [0.070]

Corporate Information

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Documents & Drawings

Product Compliance Support Center

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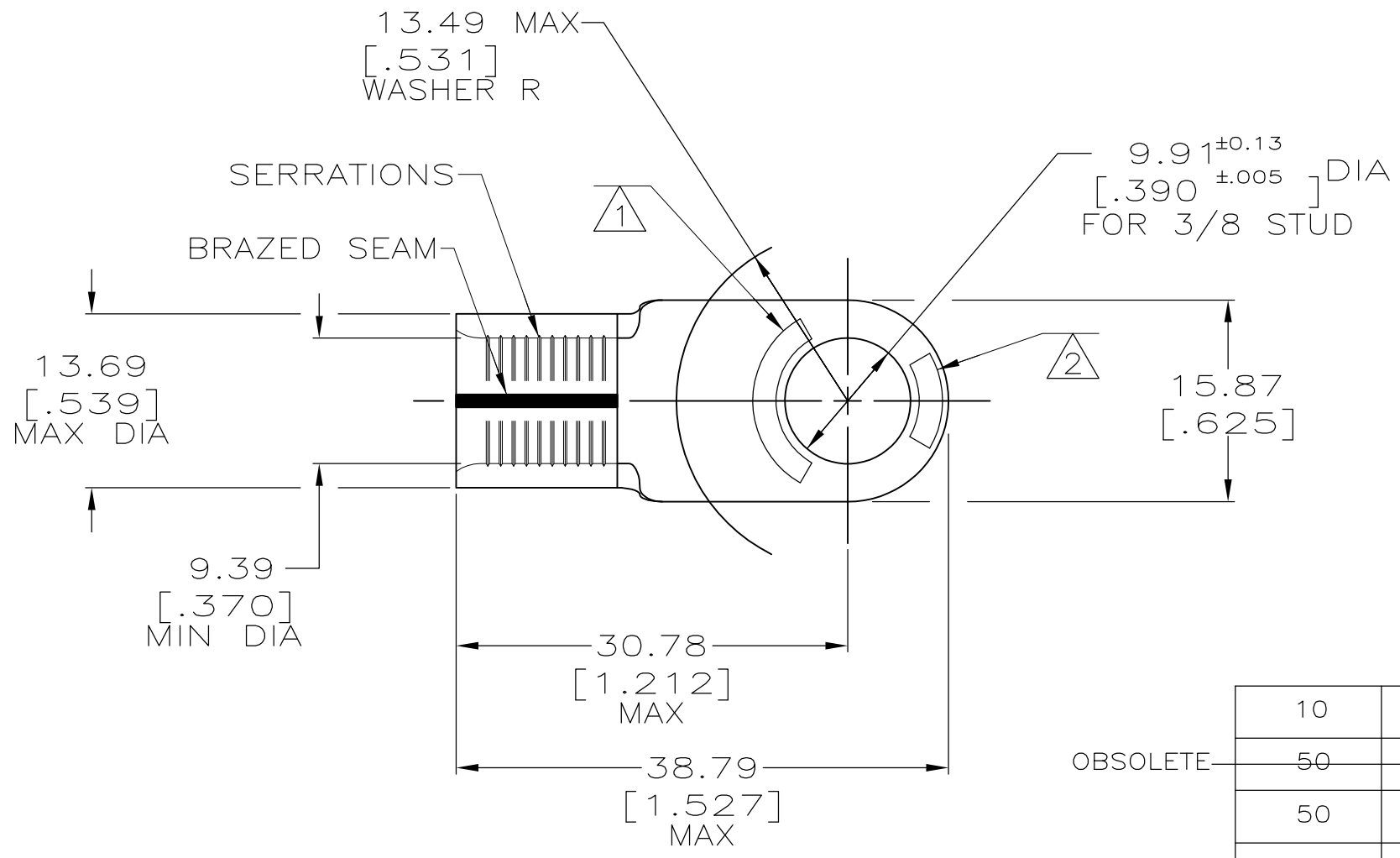
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RELEASED FOR PUBLICATION   —,— .

LOC	DIST		REVISIONS				
G	14	P	LTR	DESCRIPTION	DATE	DWN	APVD
			N1	REVISED PER ECO-11-004820	11MAR11	RK	HMR

AMP WIRE RANGE	UL Listed FILE E13288	CSA LR7189 Certified
2 AWG SOLID OR STRANDED	2 AWG STRANDED	2 AWG SOLID OR STRANDED

13.49 MAX
[.531]
WASHER R

SERRATIONS

BRAZED SEAM

9.91 ±0.13
[.390 ±.005] DIA
FOR 3/8 STUD

/1\

/2\

15.87
[.625]

13.69
[.539]
MAX DIA

9.39
[.370]
MIN DIA

30.78
[1.212]
MAX

38.79
[1.527]
MAX

/1\ STAMP AMP 2W* APPROX AS SHOWN

/2\ STAMP 60-75 APPROX AS SHOWN

3 MATERIAL THK: 1.78 ±0.08 [.070 ±.003]

/4\ TIN PLATE 0.00254 [.000100] MIN THK PER ASTM B-545

/5\ GOLD PLATE 0.00127 [.000050] MIN THK PER ASTM B-488, TYPE 2, GRADE C, OVER NICKEL PL. 0.00076 [.000030] MIN THK PER QQ-N-290

/6\ MEETS MS20659-114, CLASS 2

/7\ SUPERSEDED BY P/N 321600

QTY	PACKAGE TYPE	MILITARY	FINISH	PART NO
10	LOOSE PIECE, BAG	--	/4\	8-321600-5
50	~~LOOSE PIECE, BOX~~ (OBSOLETE)	--	/4\	~~8-321600-2~~
50	LOOSE PIECE	--	/5\	2-321600-1
50	LOOSE PIECE	/6\	/4\	321600

CUSTOMER SERVICE SYSTEMS

MAX RECOMMENDED OPERATING TEMPERATURE:
170°C

VOLTAGE RATING:
N/A

CIRCULAR MIL AREA:
26.7-42.4mm² [52,600-83,700]
SOLID OR STRANDED

MATERIAL
COPPER ASTM B-152

DIMENSIONS:
INCHES

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

FINISH
SEE TABLE

DWN DK SCHRUM   5/25/93
CHK RD HEIM   1/27/94
APVD J MECKLEY   1/27/94
PRODUCT SPEC —
APPLICATION SPEC —
WEIGHT —

TE Connectivity

NAME
TERMINAL, RING TONGUE, SOLISTRAND

SIZE A3   CAGE CODE 00779   DRAWING NO C-321600   RESTRICTED TO —

CUSTOMER DRAWING

SCALE 2:1   SHEET 1 OF 1   REV N1

1470-19 (3/11)