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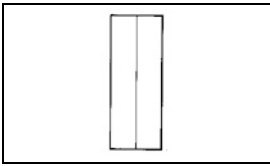## 36946 Product Details

Share   Print   Email

36946

TE Internal Number: 36946

✔ Active

📄 View 3D PDF

Splices - Closed Barrel

🍃 Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:
- Splice
- Not Sealed
- Splice Type = Parallel
- Body Style = SOLISTRAND
- Uninsulated

View all Features

Add to My Part List   Request Sample   Find Similar Products   Buy Product

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

Documentation & Additional Information

Product Drawings:
- SPLICE, PARALLEL, 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 S)
- 3D Model (IGES, Version S)
- 3D Model (STEP, Version S)

Related Products:
- Tooling

List all Documents

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

Product Type Features:
- Product Type = Splice
- Sealed = No
- Splice Type = Parallel
- Insulation = No
- Insulation Support = Non-Insulation Support
- Finish = Tin
- Color = None

Termination Features:
- Wire/Cable Size (CMA) = 83,700 – 119,500

Dimensions:
- Inside Diameter (mm [in]) = 11.27 [0.444]

Body Features:
- Body Style = SOLISTRAND
- Wire Range (mm [AWG]) = 41.00-60.00; [1/0]
- Material = Copper
- Stock Thickness (mm [in]) = 1.85 [0.073]
- Nominal Outside Diameter (mm [in]) = 15.58 [0.613]

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

Other:
- Brand = AMP

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Documents & Drawings
Product Compliance Support Center

Customer Support
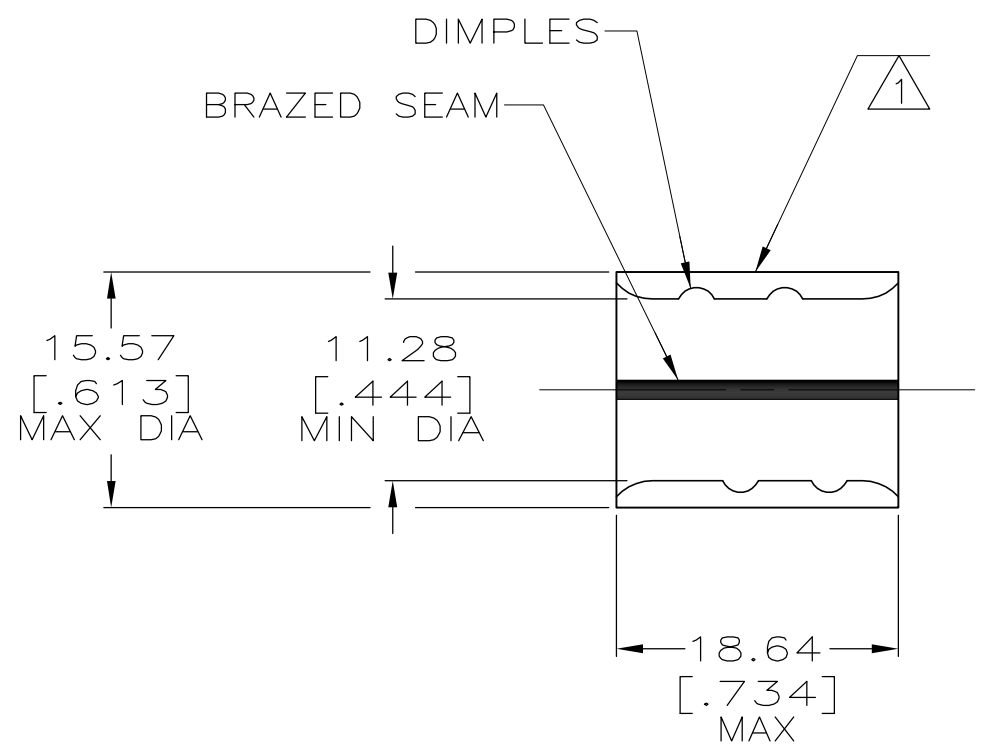Email or Chat With Us
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LOC	DIST	REVISIONS					
G	14	P	LTR	DESCRIPTION	DATE	DWN	APVD
			H	REV PER ECR 08–027230	31OCT08	JR	RL

AMP WIRE RANGE	UL Listed FILE E13288	CSA LR7189 Certified
1/0 AWG SOLID OR STRANDED	1/0 AWG SOLID OR STRANDED	1/0 AWG SOLID OR STRANDED

DIMPLES

BRAZED SEAM

△1

15.57 [.613] MAX DIA   11.28 [.444] MIN DIA

18.64 [.734] MAX

△1 STAMP AMP 1/0W* 100 LOCATE APPROX AS SHOWN

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

△3 TIN PL 0.00254 [.000100] MIN THK PER ASTM B545.

△4 CLEANED, UNPLATED

△5 P/N 1–36946–1 IS NOT UL OR CSA LISTED.

6 STAMP FOR MANUFACTURING LOCATION OR CODE PERMISSIBLE.

△7 COPPER PER ASTM B–152, ANNEALED

△8 PREPRODUCTION – FASR REQ.

△9 0.00254 [.000100] MIN TIN/LEAD (60/40) PLATE PER SAE–AMS–P–81728

△10 NOT UL OR CSA LISTED

FINISH	QTY	PACKAGE TYPE	PART NO
△9	–	LOOSE PIECE	△10 △8 36946–2
△3	10	LOOSE PIECE, BOX	8–36946–5
△3	400	LOOSE PIECE, BOX	8–36946–4
△4	–	LOOSE PIECE	△5 △8 1–36946–1
△3	–	LOOSE PIECE	36946

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: 170°C

VOLTAGE RATING: N/A

CIRCULAR MIL AREA: 42.4–60.6mm² [83,700–119,500] SOLID OR STRANDED

MATERIAL – △7

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: MM [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	5/21/93
CHK	RD HEIM	5/21/93
APVD	CR RHOADS	5/21/93
PRODUCT SPEC	–
APPLICATION SPEC	–
WEIGHT	–

Tyco Electronics
Tyco Electronics Corporation
Harrisburg, PA 17105–3608

NAME
SPLICE, PARALLEL, SOLISTRAND
–
–

SIZE	CAGE CODE	DRAWING NO		RESTRICTED TO
A3	00779	C–36946		–

CUSTOMER DRAWING

SCALE 2:1   SHEET 1 OF 1   REV H