TE connectivity

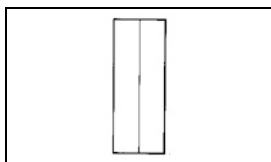My Cart | My Part Lists | Sign In/Register   **English** (Change)

Have a Question?
Chat with a Product
Information Specialist

What can we help you find?

Products   Industries   Resources   About TE   My Account   Innovation   Support Center

34138 Product Details

Share   Print   Email

34138

TE Internal Number: 34138

✔ 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 Y)
- 3D Model (IGES, Version Y)
- 3D Model (STEP, Version Y)

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) = 5,180 – 13,100

Dimensions:
- Inside Diameter (mm [in]) = 3.28 [0.129]

Body Features:
- Body Style = SOLISTRAND
- Wire Range (mm [AWG]) = 3.00-6.00² [12-10]
- Material = Copper
- Stock Thickness (mm [in]) = 1.07 [0.042]
- Nominal Outside Diameter (mm [in]) = 5.74 [0.226]

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

Corporate Information
About TE
Investors
News Room

Quick Links
Distributor Inventory
Product Cross Reference
Documents & Drawings

Customer Support
Email or Chat With Us
Find a Phone Number
Knowledge Base

LOC	DIST			REVISIONS			
G	14	P	LTR	DESCRIPTION	DATE	DWN	APVD
			P6	REVISED PER ECO-11-011757	08JUN11	HMR	DR

AMP
WIRE RANGE

12–10 AWG
SOLID OR STRANDED

⚠1 STAMP AMP 12-10* APPROX AS SHOWN

⚠2 MAXIMUM LENGTH DOES NOT INCLUDE MANUFACTURING TABS

⚠3 TIN PLATE .00254[.000100] MIN THK PER ASTM B545

⚠4 BLACK OXIDE PER MIL-F-495

⚠5 UL LISTED E13288, 12-10 AWG STRANDED.

⚠6 MATERIAL; COPPER PER ASTM B-152 ANNEALED

⚠7 FINISH: TIN/LEAD (60/40) PLATE, .000100 MIN THK
        PER SAE-AMS-P-81728

⚠8 CSA CERTIFIED LR7189, 12-10 AWG SOLID OR STRANDED

⚠9 PRELIMINARY – NOT FOR PRODUCTION

⚠10 GOLD PLATE 0.00127[.000050] MIN EXT THK PER ASTM B488,
     TYPE 1, CODE C OVER NICKEL PLATE 0.00127[.000050]
     MIN EXT THK PER SAE AMS QQ-N-290 OVER Cu FLASH
     PER SAE AMS 2418.

SERRATIONS

BRAZED SEAM

5.74 MAX DIA
[.226]

0.99±0.05
[.039±.002]

3.28 MIN DIA
[.129]

⚠1

8.71 MAX
[.343]

⚠2
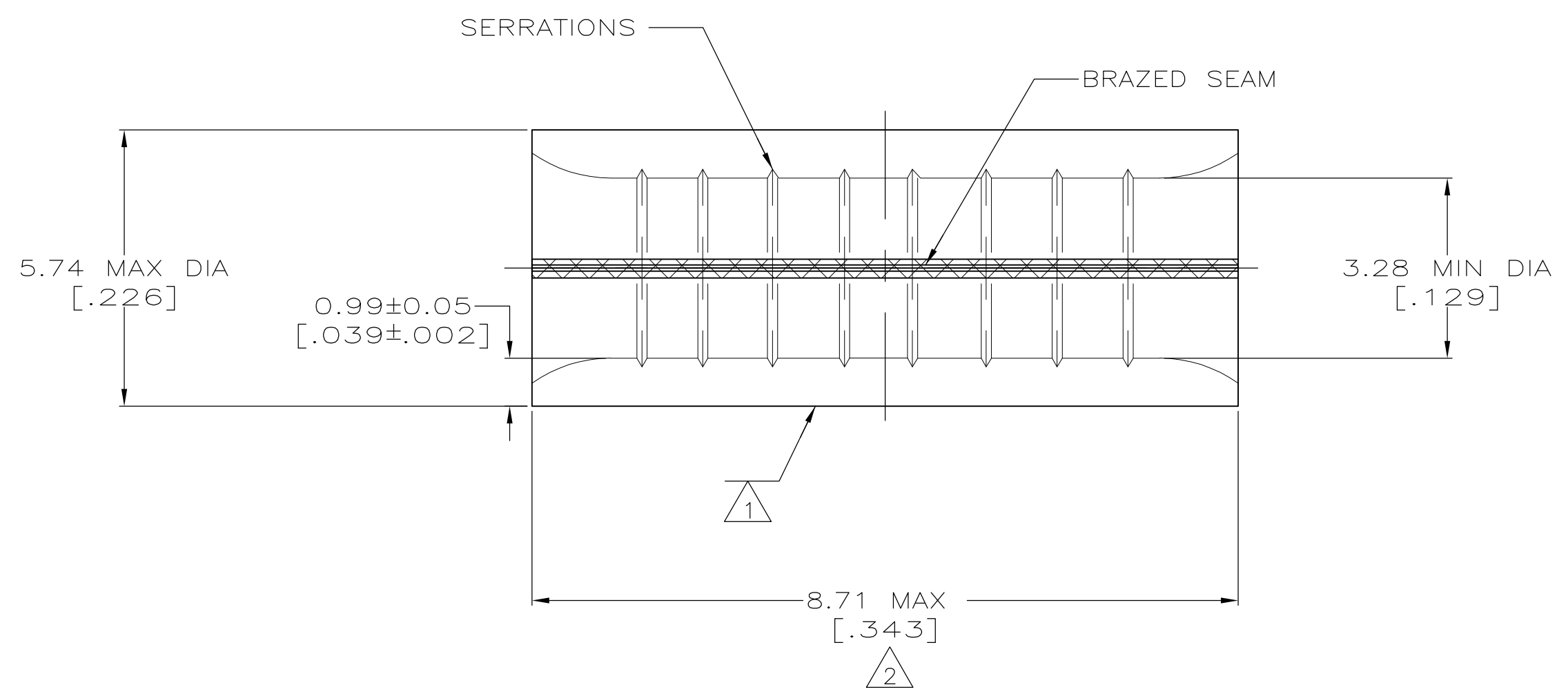
34138

TEMP-RANGE	APPROVALS		FINISH	QTY	PACKAGE TYPE	PART NO	
170°C	⚠5	⚠8	⚠3	10	LOOSE PIECE, BAG	⚠9	8-34138-3
170°C	⚠5	⚠8	⚠3	50	LOOSE PIECE, BOX		8-34138-2
260°C	– – – –		⚠10	500	LOOSE PIECE	⚠9	34138-4
170°C	– – – –		⚠7	500	LOOSE PIECE		34138-3
170°C	– – – –		⚠4	500	LOOSE PIECE		34138-1
170°C	⚠5	⚠8	⚠3	500	LOOSE PIECE		34138

AMP INCORPORATED
CUSTOMER SERVICE SYSTEMS

MAX RECOMMENDED OPERATING
TEMPERATURE:
SEE TABLE

VOLTAGE RATING:
N/A

CIRCULAR MIL AREA:
2.62-6.64mm² [5,180-13,100]
STRANDED

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN	TA BRINKMAN	4-14-93
CHK	DA PATTERSON	4-14-93
APVD	DA PATTERSON	4-14-93

DIMENSIONS:
MM[INCHES]

TOLERANCES UNLESS
OTHERWISE SPECIFIED:
0 PLC ± –
1 PLC ± –
2 PLC ± –
3 PLC ± –
4 PLC ± –
ANGLES ± –

≡TE TE Connectivity

NAME
SPLICE, PARALLEL,
SOLISTRAND

PRODUCT SPEC —
APPLICATION SPEC —

MATERIAL
⚠6

FINISH
SEE NOTES

WEIGHT —

SIZE	CAGE CODE	DRAWING NO		RESTRICTED TO
A2	00779	C-34138		—

CUSTOMER DRAWING

SCALE 10:1   SHEET 1 OF 1   REV P6

1471-9 (3/11)