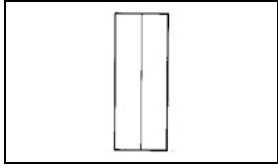


## 34318 Product Details



**34318**

TE Internal Number: 34318



### Splices - Closed Barrel

 Always EU RoHS/ELV Compliant (Statement of Compliance)

#### Product Highlights:

- Splice
- Not Sealed
- Splice Type = Parallel
- Body Style = SOLISTRAND
- Uninsulated

### 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 K)
- [3D Model](#) (IGES, Version K)
- [3D Model](#) (STEP, Version K)

#### Related Products:

- [Tooling](#)

### 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 \(CMA\)](#) = 13,100 - 20,800

#### Dimensions:

- [Inside Diameter \(mm \[in\]\)](#) = 4.37 [0.172]

#### Body Features:

- [Body Style](#) = SOLISTRAND
- [Wire Range \(mm \[AWG\]\)](#) = 8.00<sup>2</sup> [8]
- [Material](#) = Copper
- [Stock Thickness \(mm \[in\]\)](#) = 1.30 [0.051]
- [Nominal Outside Diameter \(mm \[in\]\)](#) = 7.52 [0.296]

#### 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

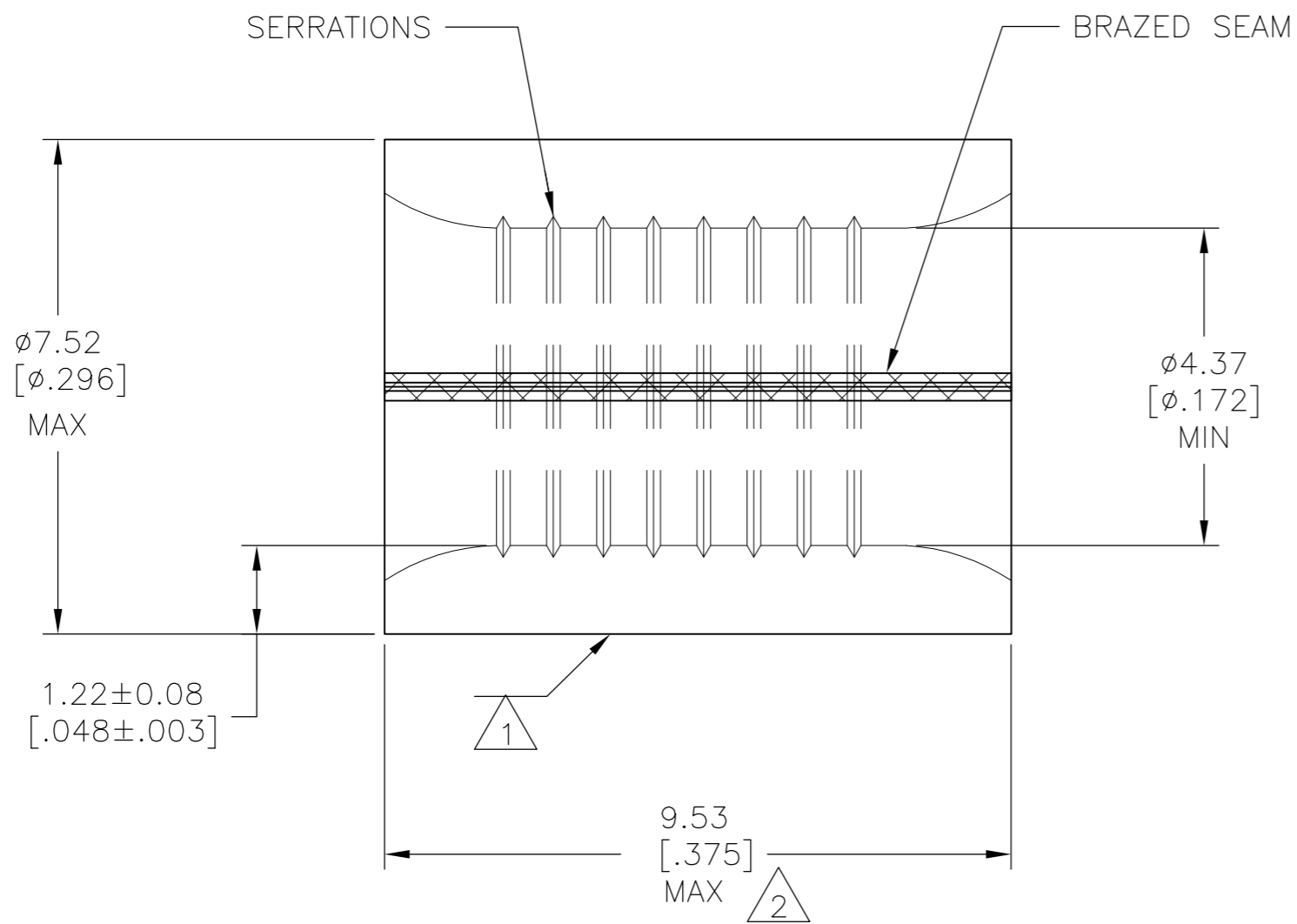
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LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
G	14		L3	REVISED PER ECO-11-013501	30JUN11	HMR	DR

**AMP**  
WIRE RANGE

---

8 AWG  
SOLID OR STRANDED



- 1 STAMP AMP 8W\* APPROX AS SHOWN
- 2 MAXIMUM LENGTH DOES NOT INCLUDE MANUFACTURING TABS
- 3 COPPER PER ASTM B-152 ANNEALED
- 4 UL LISTED E13288, 8 AWG STRANDED.
- 5 CSA CERTIFIED LR7189, 8 AWG SOLID OR STRANDED
- 6 TIN PLATE 0.00254[.000100] MIN THK PER ASTM B545
- 7 NICKEL PLATE 0.01651[.000650] MIN THK PER SAE AMS QQ-N-290
- 8 TIN/LEAD (60/40) PLATE, 0.00254 [.000100] MIN THK PER SAE-AMS-P-81728
- 9 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
- 10 NOTE DELETED.

4 5	25	LOOSE PIECE	170°C[338°F]	6	8-34318-3
4 5	1000	LOOSE PIECE	170°C[338°F]	6	2-34318-3
---	100	LOOSE PIECE	343°C[650°F]	7	2-34318-1
---	100	LOOSE PIECE	260°C[500°F]	9	34318-3
---	100	LOOSE PIECE	170°C[338°F]	8	34318-1
4 5	500	LOOSE PIECE	170°C[338°F]	6	34318
APPROVALS	QTY	PACKAGE TYPE	MAX OPERATING TEMP	FINISH	PART NO
THIS DRAWING IS A CONTROLLED DOCUMENT.			DWN TA BRINKMAN 4-5-93		
			CHK DA PATTERSON 4-5-93		
			APVD DA PATTERSON 4-5-93		
			PRODUCT SPEC		
DIMENSIONS: mm [INCHES] 			TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± - 4 PLC ± - ANGLES ± -		
MATERIAL - 3			FINISH SEE TABLE		
CUSTOMER DRAWING			WEIGHT -	SIZE A2	CAGE CODE 00779
			DRAWING NO C=34318		RESTRICTED TO -
			SCALE 10:1		SHEET 1 OF 1
					REV L3

<b>AMP INCORPORATED CUSTOMER SERVICE SYSTEMS</b>		MAX RECOMMENDED OPERATING TEMPERATURE: SEE TABLE
FOR ADDITIONAL PRODUCT INFORMATION OR COPIES OF DRAWINGS AND TECHNICAL DOCUMENTS	PRODUCT INFORMATION CENTER 1-800-522-6752	VOLTAGE RATING: N/A
FOR APPLICATION TOOLING INFORMATION	TOOLING ASSISTANCE CENTER 1-800-722-1111	CIRCULAR MIL AREA: 6.64-10.5mm²[13,100-20,800] SOLID OR STRANDED
FOR ORDER ENTRY	1-800-526-5142	THIS DRAWING IS A CONTROLLED DOCUMENT FOR AMP INCORPORATED. IT IS SUBJECT TO CHANGE AND THE CONTROLLING ENGINEERING ORGANIZATION SHOULD BE CONTACTED FOR THE LATEST REVISION.