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Have a Question?
Chat with a Product
Information Specialist   What can we help you find?

![TE connectivity logo]

Products   Industries   Resources   About TE   My Account   Innovation   Support Center

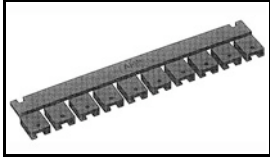# 531230-4 Product Details
Share   Print   Email

531230-4

TE Internal Number: 531230-4
✔ Active

📄 View 3D PDF

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

Product Highlights:
- Shunt
- Shunt Type = Standard Housing
- 2 Positions
- 5.08 mm Centerline
- Tin Contact Plating, Mating Area, Material

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:
- LOW PROFILE SHUNT CONNECTOR 5.08 [.200] CL (PDF, English)

Catalog Pages/Data Sheets:
- None Available

Product Specifications:
- Low Profile Shunt Connector (PDF, English)

Application Specifications:
- Low Profile, Economy, Dual Beam,and Multiposition Sh... (PDF, English)

Instruction Sheets:
- None Available

CAD Files: (CAD Format & Compression Information)
- 2D Drawing (DXF, Version F1)
- 3D Model (IGES, Version F1)
- 3D Model (STEP, Version F1)

List all Documents

Additional Information:
- Product Line Information

Related Products:
- Tooling

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

Product Type Features:
- Product Type = Shunt
- Shunt Type = Standard Housing
- Shunt Style = Open Top
- Profile = Low

Electrical Characteristics:
- Contact - Rated Current (A) = 3
- Dielectric Withstanding Voltage (V) = 1000
- Insulation Resistance (MΩ) = 1,000

Dimensions:
- Height (mm [in]) = 6.35 [0.250]

Body Features:
- Handle = Without

Contact Features:

Housing Features:
- Centerline (mm [in]) = 5.08 [0.200]
- Housing Color = Black
- Housing Material = Polyester GF
- UL Flammability Rating = UL 94V-0

Configuration Features:
- Number of Positions = 2

Industry Standards:
- 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
- UL Rating = Recognized
- CSA Certified = Yes

- Contact Plating, Mating Area, Material = Tin
- Contact Base Material = Beryllium Copper

Packaging Features:
- Packaging Method = Stick of 10

Other:
- Brand = AMP

Corporate Information

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Distributor Inventory

Product Cross Reference

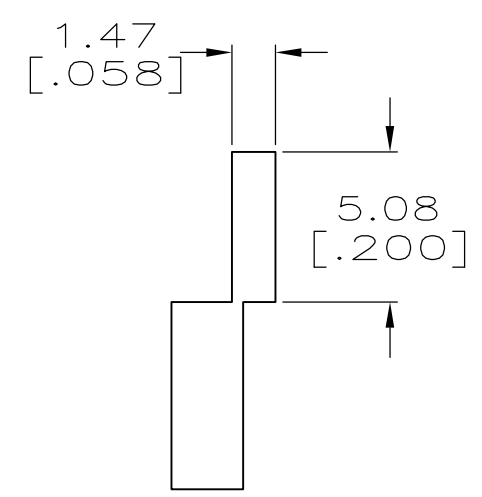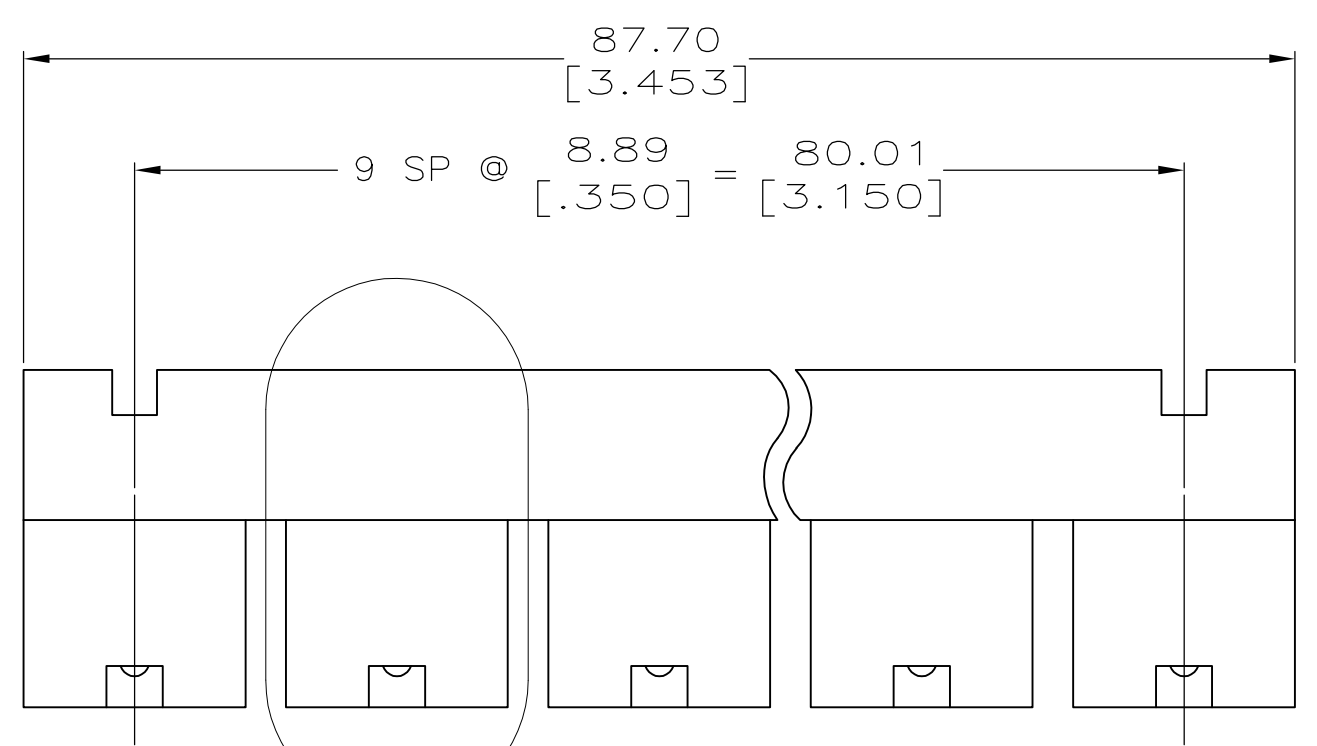Documents & Drawings

Product Compliance Support Center

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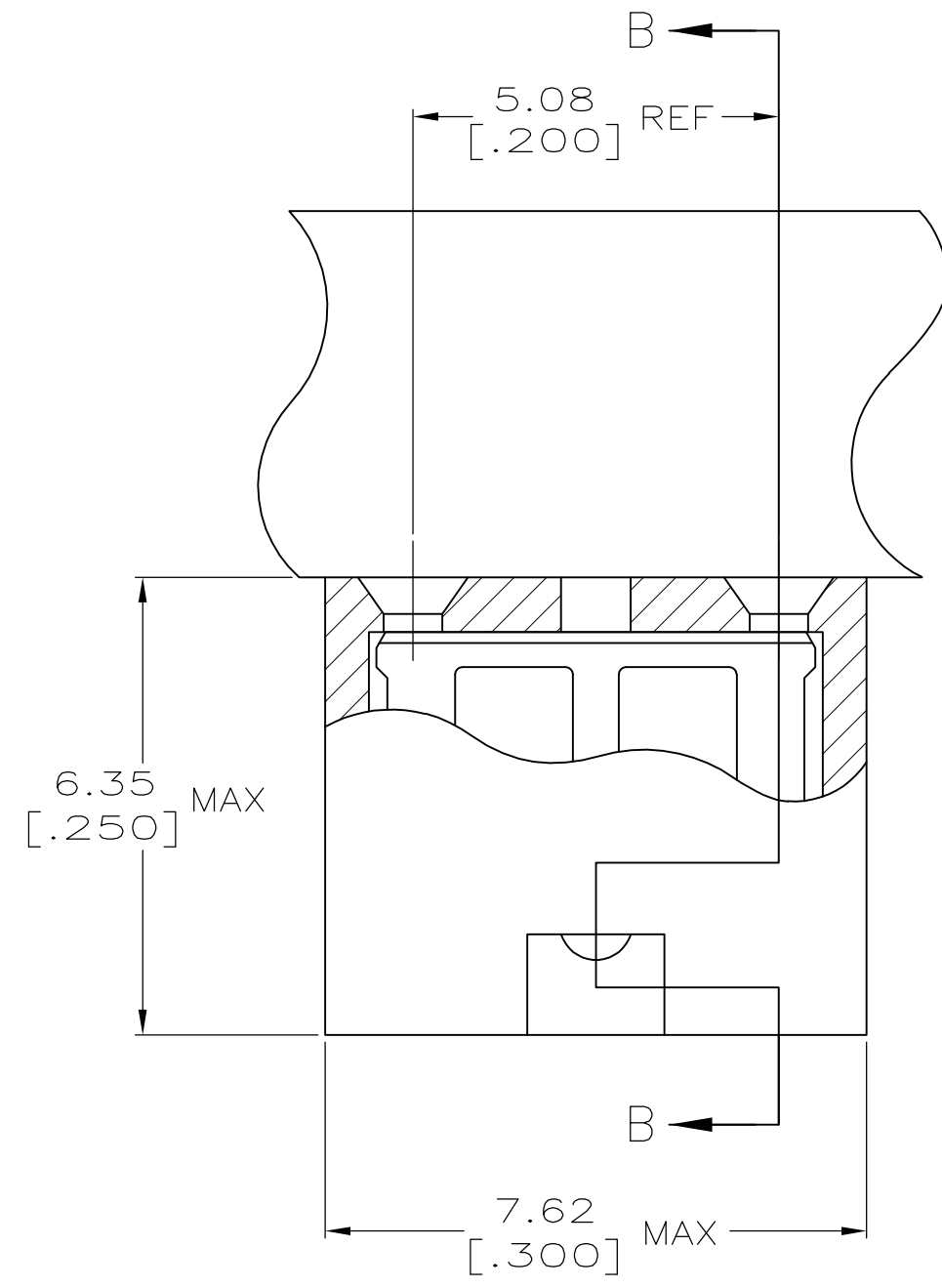
		REVISIONS			
LOC AG	DIST 00	P	LTR	DESCRIPTION	DATE	DWN	APVD
			F2	REVISED PER ECO-11-004820	11MAR11	RK	HMR

87.70 [3.453]

9 SP @ 8.89 [.350] = 80.01 [3.150]

1.47 [.058]

5.08 [.200]

SEE DETAIL A

MATERIAL:
/1\ HOUSING: GLASS-FILLED POLYESTER, COLOR-BLACK.
CONTACT: BERYLLIUM COPPER.

/2\ CONTACT PLATED WITH 0.00254 [.000100] TIN-LEAD OVER ALL.

/3\ CONTACT PLATED WITH 0.00038 [.000015] GOLD IN CONTACT
AREA OVER 0.00127 [.000050] NICKEL OVER ALL.

/4\ CONTACT PLATED WITH 0.00076 [.000030] GOLD IN CONTACT
AREA OVER 0.00127 [.000050] NICKEL OVER ALL.

/5\ PART NO. DENOTES INDIVIDUAL TWO POSITION SHUNT, WHICH IS
PACKAGED ON BREAKAWAY COMBS OF TEN SHUNTS.

6. CONNECTOR MATES WITH WIRE WRAP POSTS, 0.64 [.025] SQUARE
OR ROUND AND 0.56 [.022] X 0.66 [.026] POSTS. LENGTH
5.08 [.200] MINIMUM.

/7\ CONTACT PLATED WITH 0.00254 [.000100] MATTE TIN OVER ALL.

/8\ PART NO. DENOTES INDIVIDUAL TWO POSITION SHUNT, WHICH IS
PACKAGED LOOSE PIECE.

/9\ PRELIMINARY P/N — NOT RELEASED FOR PRODUCTION

5.08 [.200] REF

B

6.35 [.250] MAX

B

7.62 [.300] MAX

DETAIL A
SCALE 10:1

CONNECTOR MATING FACE

BREAK AWAY FOR
2 POSN FINISHED PART

HOUSING

CONTACT

CONTACT AREA

φ1.02 [φ.040] PROBE HOLE

2.54 [.100] MAX
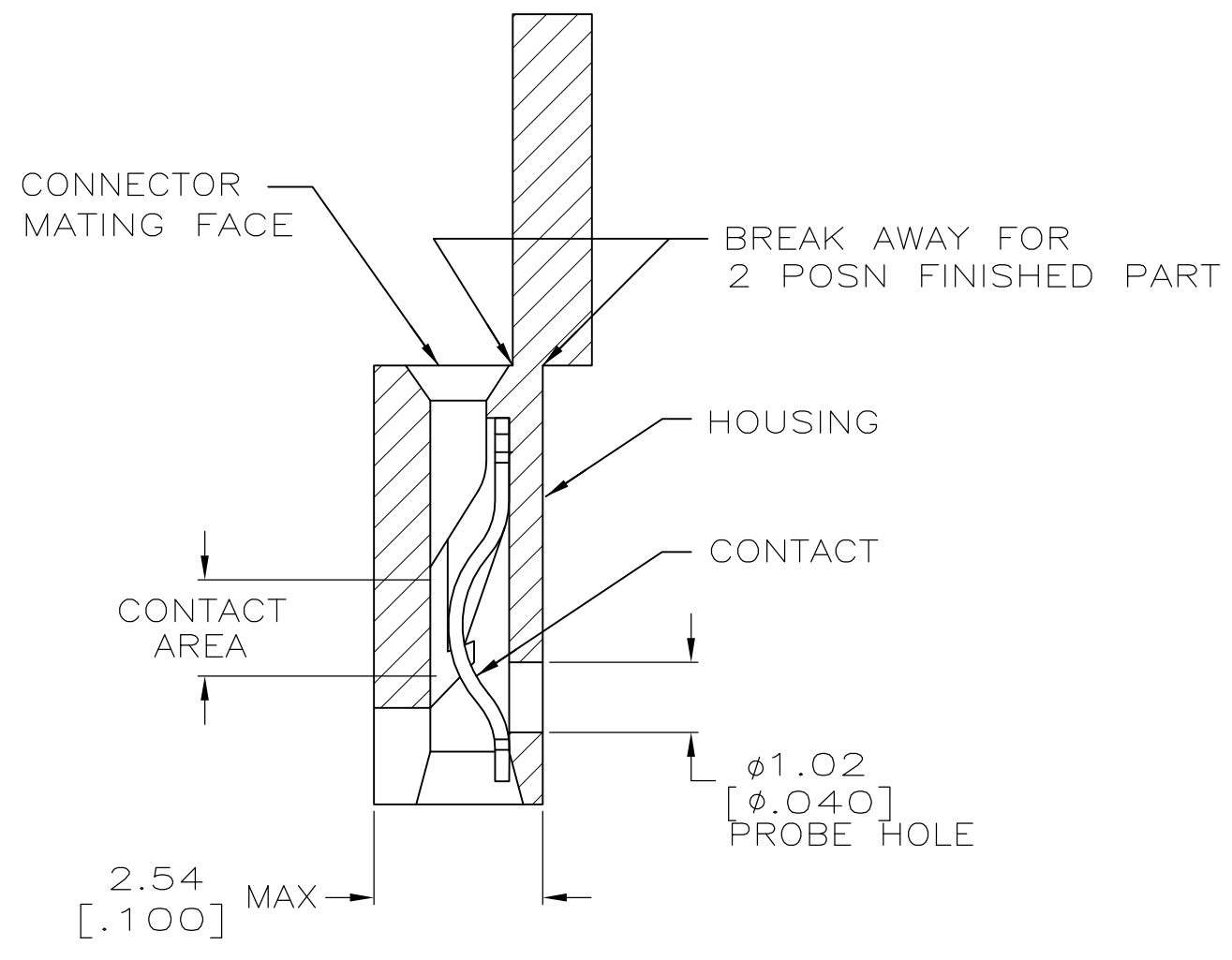
SECTION B-B
SCALE 10:1

OBSOLETE		/7\	/8\	531230-5	/9\
	/7\		531230-4	/5\
	/4\		531230-3	/5\
	/3\		531230-2	/5\
	/2\		531230-1	/5\
FINISH			PART NUMER	

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm [INCHES]

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± —
1 PLC ± —
2 PLC ± —
3 PLC ± 0.26 [.010]
4 PLC ± — ± —
ANGLES

MATERIAL /1\
FINISH SEE TABLE

DWN R.TALLEY 3-12-91
CHK —
APVD —
PRODUCT SPEC 108-9057
APPLICATION SPEC 114-1059
WEIGHT —

≡TE TE Connectivity

NAME
LOW PROFILE SHUNT CONNECTOR
5.08 [.200] CL
—

SIZE A2	CAGE CODE 00779	DRAWING NO C-531230	RESTRICTED TO —

CUSTOMER DRAWING

SCALE 4:1　SHEET 1 OF 1　REV F2

531230