TE connectivity

Have a Question?
Chat with a Product
Information Specialist

What can we help you find?

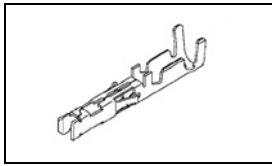| Products | Industries | Resources | About TE | My Account | Innovation | Support Center |

1-106529-2 Product Details

➕ Share   🖨 Print   ✉ Email

1-106529-2

TE Internal Number: 1-106529-2

✅ Active

📄 View 3D PDF

4.2mm & 4.4mm Centerline, 600 V, 9 A max. Dual Action

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

Product Highlights:
- Contact
- AMP-DUAC
- Contact Type = Socket
- Wire Range = 0.30-0.90² [22-18] mm [AWG]
- 0 Power Positions

View all Features

Quick Links
- ▸ Pricing & Availability
- ▸ Search for Tooling
- ▸ Product Feature Selector
- ▸ Contact Us About This Product

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

---

Documentation & Additional Information

Product Drawings:
- SOCKET CONTACT AMP-DUAC (PDF, English)

Catalog Pages/Data Sheets:
- SOFT_SHELL_PIN_AND_SOCKET_CONNECTORS_CATALOG (PDF, English)

Product Specifications:
- AMP DUAC Socket Connector (PDF, English)

Application Specifications:
- AMP-DUAC Headers and Connectors (PDF, English)

Instruction Sheets:
- None Available

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

Additional Information:
- Product Line Information

Related Products:
- Tooling

List all Documents

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

Product Type Features:
- Product Type = Contact
- Connector Line = AMP-DUAC

Dimensions:
- Insulation Diameter (mm [in]) = 1.50 - 2.40 [.059-.094]

Body Features:
- Wire Range (mm [AWG]) = 0.30-0.90² [22-18]

Contact Features:
- Contact Type = Socket
- Contact Plating, Mating Area, Material = Pre-Tin
- Contact Material (Signal) = Phosphor Bronze

Configuration Features:
- Number of Power Positions = 0

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

Conditions for Usage:
- Applies To = Printed Circuit Board

Packaging Features:
- Packaging Method = Loose Piece

Other:
- Brand = AMP

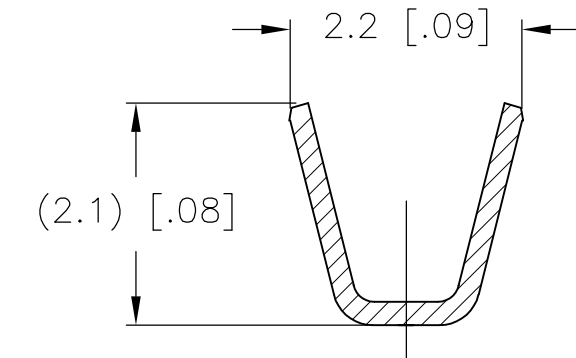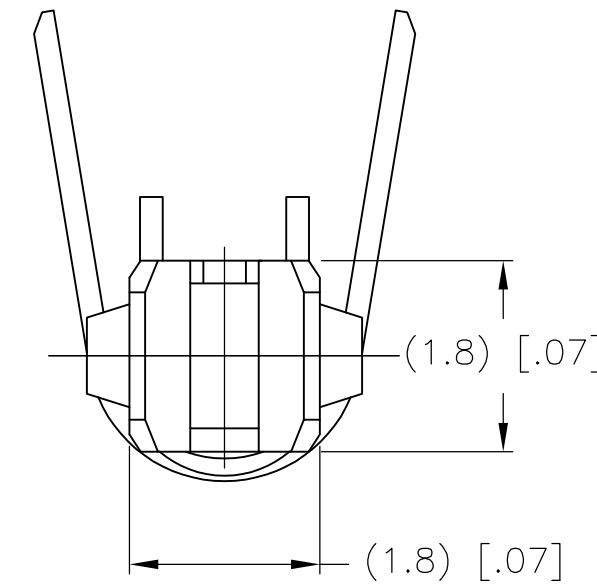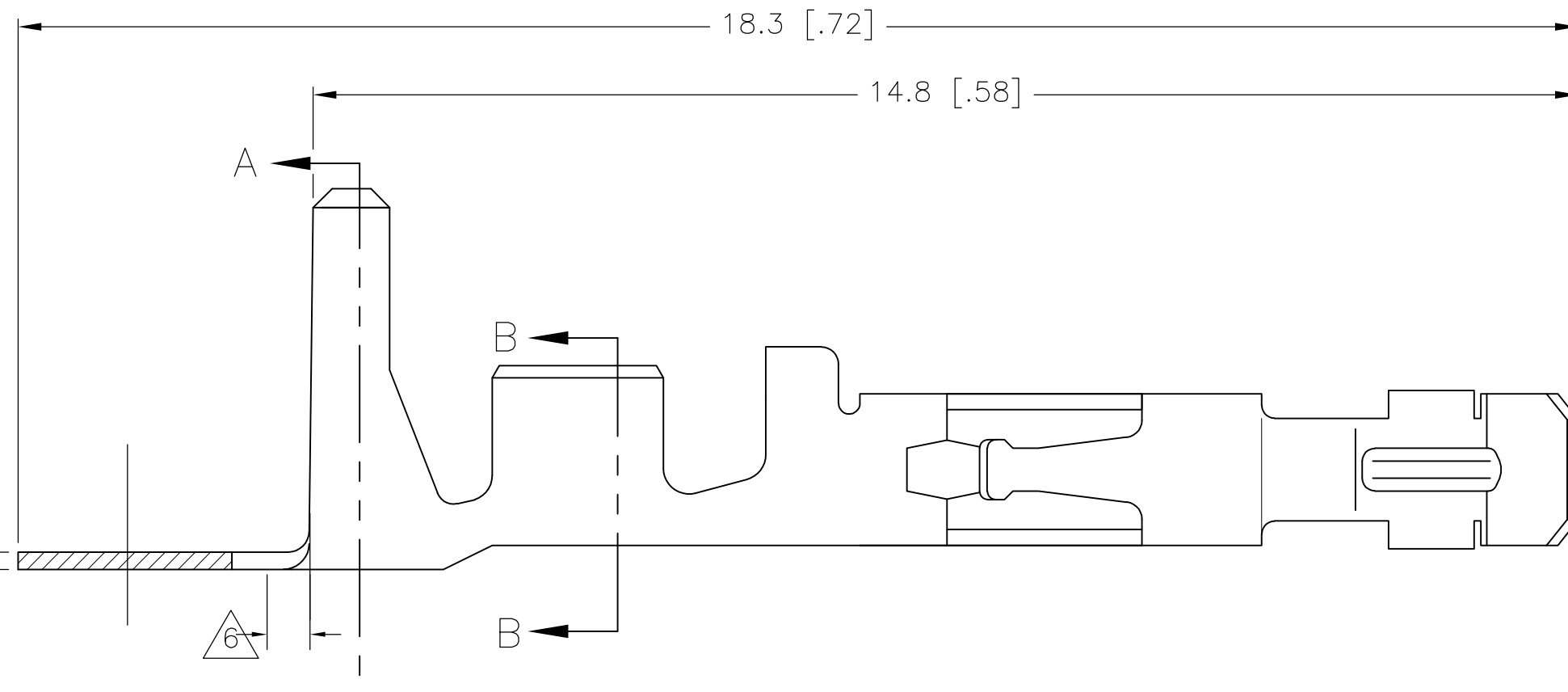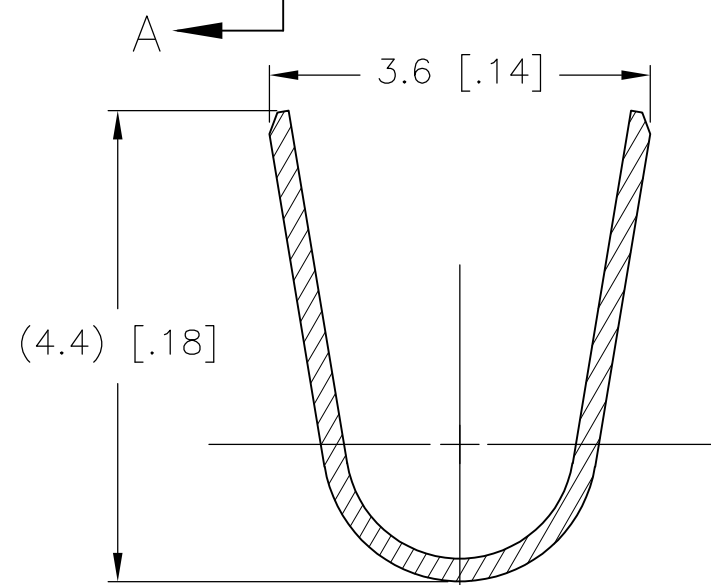| LOC	DIST		REVISIONS				
CM	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
			H1	REVISED PER ECO-11-004917	11MAR11	RK	HMR
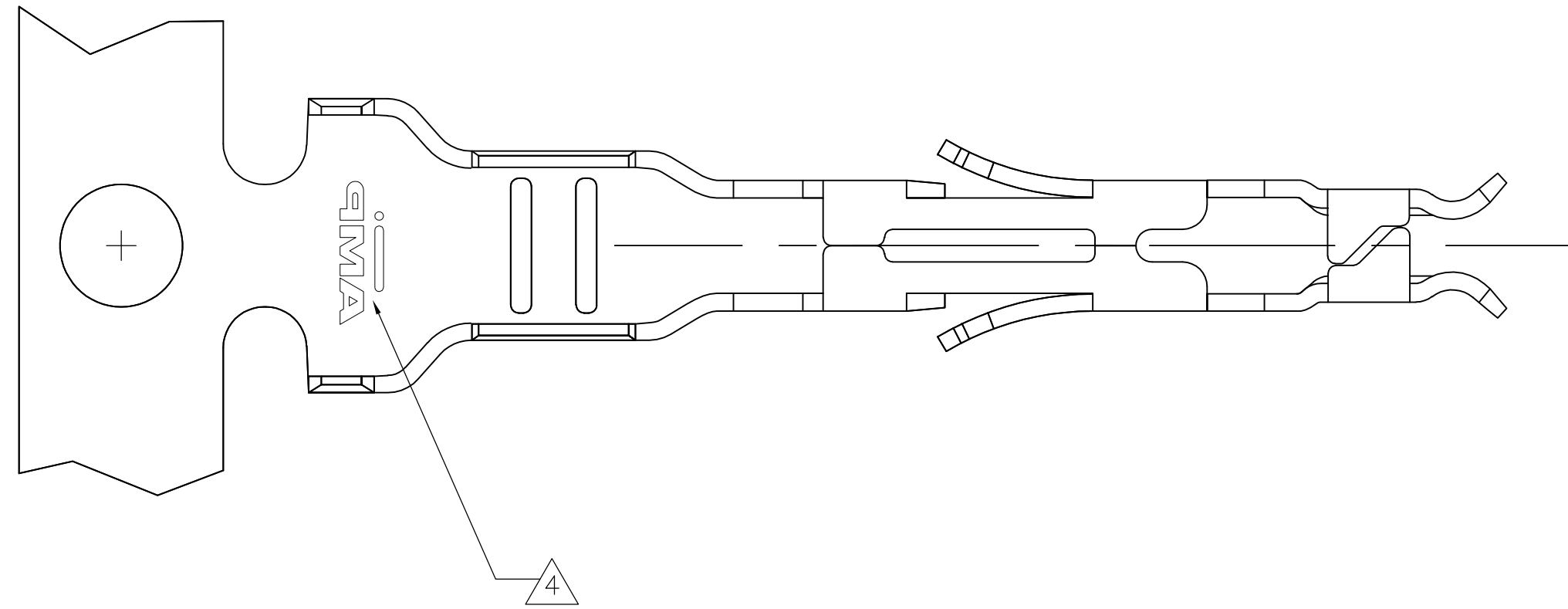
1. HAND TOOL PART NUMBER 734202-2.

2. EXTRACTION TOOL PART NUMBER 188688-1

3. LOOSE PIECE CONTACT

4. AMP TRADEMARK

5. MATERIAL PHOSPHOR BRONZE PRETINNED 1-3μm

6. CUT OFF DIMENSION FOR LOOSE PIECE CONTACT 0.5 [.02] MAXIMUM.

7. WIRE RANGE: 0.30-0.87mm^2 [.012-.034in^2], (18-22 AWG).
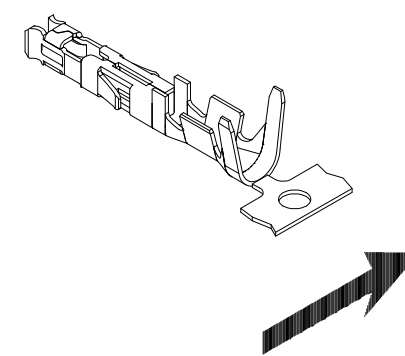
8. INSULATION RANGE: 1.50-2.40 [.059-.094] DIAMETER.

18.3 [.72]

14.8 [.58]

A

B

(0.2) [.01]

6

B

A

3.6 [.14]

(4.4) [.18]

SECTION A-A
SCALE 14:1

2.2 [.09]

(2.1) [.08]

SECTION B-B
SCALE 14:1

(1.8) [.07]

(1.8) [.07]

106529

DIRECTION OFF TOP OF REEL

METRIC

3	PRETINNED	PHOSPHOR BRONZE	1-106529-2
	PRETINNED	PHOSPHOR BRONZE	106529-2
	FINISH	MATERIAL	PART NUMBER

DWN	S. HOOVER	29-JAN-2004	
CHK	D. COLEY	29-JAN-2004	
APVD	D. COLEY	29-JAN-2004	

DIMENSIONS:
mm [INCHES]

TOLERANCES UNLESS
OTHERWISE SPECIFIED:
0 PLC ±
1 PLC ±
2 PLC ± 0.10 [.004]
3 PLC ±
4 PLC ±
ANGLES ±

MATERIAL
SEE CHART

FINISH
SEE CHART

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

TE Connectivity

NAME
SOCKET CONTACT
AMP-DUAC ™

SIZE	CAGE CODE	DRAWING NO		RESTRICTED TO
A2	00779	C-106529		—

CUSTOMER DRAWING

SCALE 14:1   SHEET 1 of 1   REV H1