TE connectivity

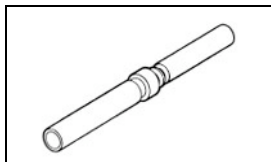🛒 My Cart | 🔲 My Part Lists | Sign In/Register   **English** (Change)

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

206071-1 Product Details   ➕ **Share**   🖨 **Print**   ✉ **Email**

206071-1

TE Internal Number: 206071-1
✔ Active

📄 View 3D PDF

Subminiature D Pins/Sockets for MIL-C-24308 and MIL-C-39029

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

Product Highlights:
- Contact
- Product Series = 90
- Contact Type = Socket
- Density = High
- Applies To Wire/Cable

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

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Documentation & Additional Information

Product Drawings:
- CONTACT ASSEMBLY, SOCKET, SIZE 22D (PDF, English)

Catalog Pages/Data Sheets:
- None Available

Product Specifications:
- None Available

Application Specifications:
- None Available

Instruction Sheets:
- Application Tooling for Screw-Machine Contacts (PDF, English)

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

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
- Product Series = 90
- Termination Method to Wire/Cable = Crimp

Electrical Characteristics:
- High Current = No

Dimensions:
- Post Diameter (mm [in]) = 1.57 [0.062]
- Insulation Diameter (mm [in]) = 1.38 [.054] Max.

Body Features:
- Non-Magnetic = Yes
- Wire Range (mm [AWG]) = 0.08-0.40² [28-22]

Contact Features:
- Contact Type = Socket
- Contact Size = 22
- Contact Style = Crimp Snap-in
- Contact Base Material = Copper Alloy
- Contact Plating, Mating Area, Material = Gold over Copper

Configuration Features:
- Density = High

Industry Standards:
- Government/Industry Qualification = Yes
- Government/Industry Part Number = G-08-S1
- 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:
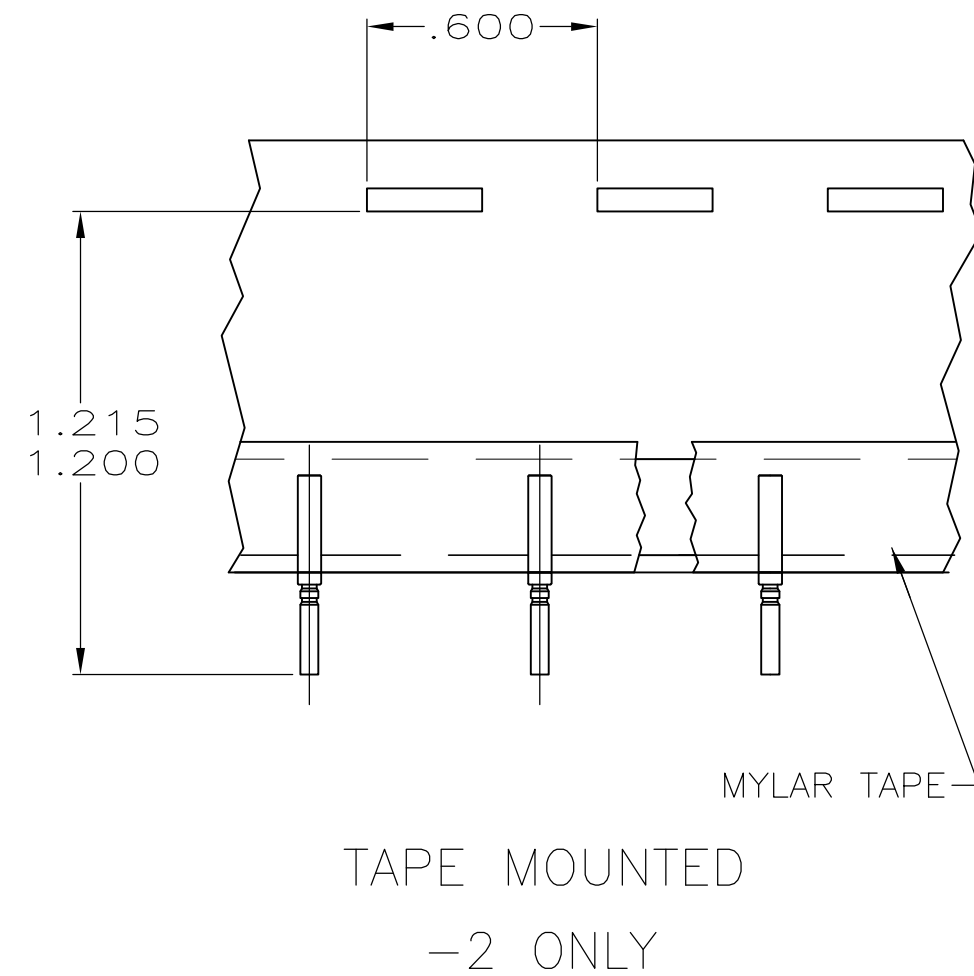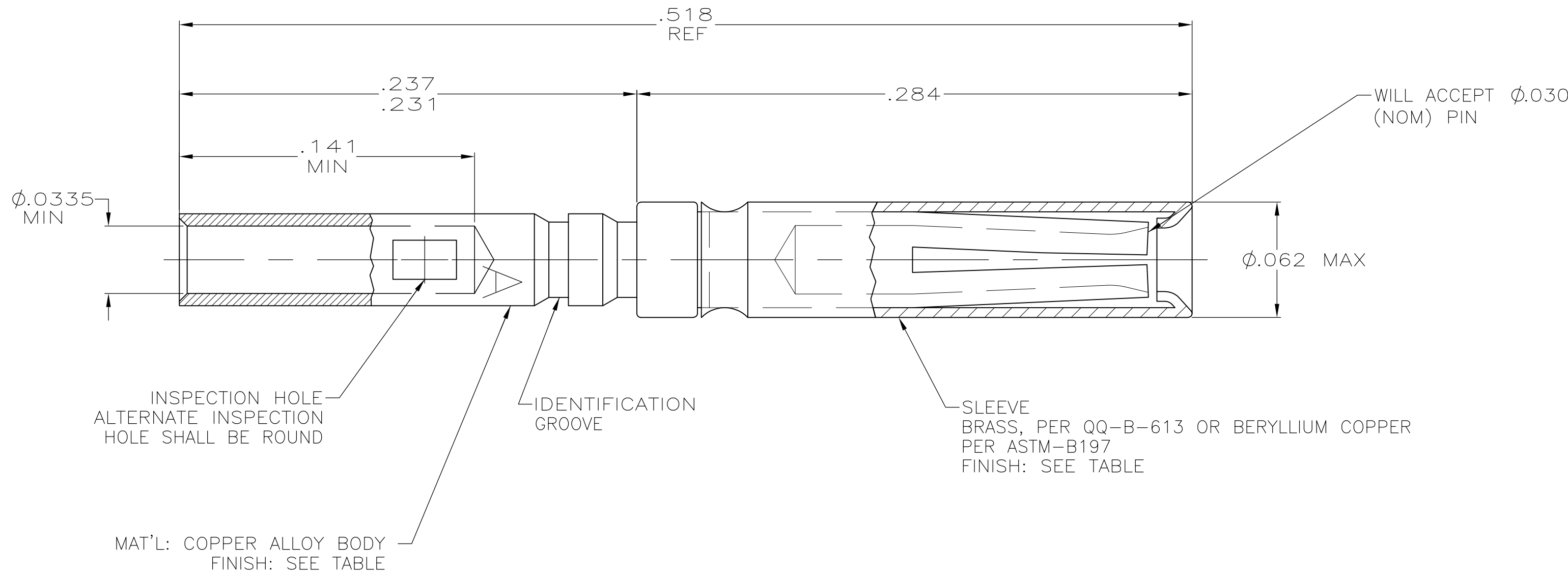- Applies To = Wire/Cable

Packaging Features:
- Packaging Method = Loose Piece

Other:
- Brand = AMP

Corporate Information   **Quick Links**   **Customer Support**

	8	7	6	5	4	3	2	1

LOC DF | DIST DO

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	H1	REVISED PER ECO-11-005030	11MAR11	RK	HMR

.518 REF

.237
.231

.141 MIN

Ø.0335 MIN

.284

WILL ACCEPT Ø.030 (NOM) PIN

Ø.062 MAX

INSPECTION HOLE
ALTERNATE INSPECTION HOLE SHALL BE ROUND

IDENTIFICATION GROOVE

SLEEVE
BRASS, PER QQ-B-613 OR BERYLLIUM COPPER
PER ASTM-B197
FINISH: SEE TABLE

MAT'L: COPPER ALLOY BODY
FINISH: SEE TABLE

.600

1.215
1.200

MYLAR TAPE

TAPE MOUNTED
-2 ONLY

1. WIRE BARREL WILL ACCEPT #22-28 AWG WIRE.

2. CRIMPING TOOL - USE HAND TOOL M22520/2-01 (AMP P/N 601966-1)
WITH POSITIONER M22520/2-06 (AMP P/N 601966-4). SEE AMP
INSTRUCTION SHEET, IS7516, FOR CRIMPING INSTRUCTIONS.

3. CONTACT QUALIFIED TO NASA P/N G-08-S1.

4. INSERTION/EXTRACTION TOOL AMP P/N 91067-1.

5. USE AMP - TAPEMATIC STRIPPER/CRIMPER MACHINE NUMBER
599406-7 WITH FUNNEL NUMBER 125905-2.

6. SLEEVE MAY BE CRIMPED OR DIMPLED TO BODY.

7. PLATING: GOLD PER ASTM-B-488 (TYPEII) OVER NICKEL
PER QQ-N-290.

8. PLATING: GOLD PER ASTM-B-488 (TYPEII) OVER COPPER
PER MIL-C-14550, CLASS 4.

	REMARKS	DESCRIPTION	FINISH	PART NO.
2	AS SHOWN		7	206071-4
5	CONTACT ON TAPE		SAME AS -1	206071-2
2	AS SHOWN		8	206071-1

DWN	T.THOMPSON	06-03-94
CHK	F.KINSEY	06-03-94
APVD	F.KINSEY	06-03-94

≡TE TE Connectivity

DIMENSIONS: INCHES
TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± —
1 PLC ± —
2 PLC ± —
3 PLC ± .005
4 PLC ± —
ANGLES ± — ± —

NAME
CONTACT ASSEMBLY,
SOCKET, SIZE 22D

PRODUCT SPEC —
APPLICATION SPEC —

MATERIAL SEE CALLOUT
FINISH SEE TABLE
WEIGHT 102 GRAMS

SIZE A1 | CAGE CODE 00779 | DRAWING NO C-206071 | RESTRICTED TO —

CUSTOMER DRAWING

SCALE 20:1 | SHEET 1 OF 1 | REV H1

4805 (3/11)