

## 1-487547-1 Product Details

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1-487547-1

TE Internal Number: 1-487547-1

Active

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### Flexible Film Contacts

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

### Product Highlights:

- Contact
- Insulation Displacement Crimp (IDC) Termination Method to Wire/Cable
- Contact Type = Socket
- 1.27 mm Centerline
- Wire/Cable Type = FFC

[View all Features](#)

### Quick Links

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### Documentation & Additional Information

#### Product Drawings:

- [CONTACT, RECEPTACLE, .050 C/L, FFC](#) (PDF, English)

#### Catalog Pages/Data Sheets:

- [AMPMODU\\_INTERCONNECTION\\_SYSTEM\\_SECTION3AND4](#) (PDF, English)
- [9-1773462-2](#) (PDF, English)

#### Product Specifications:

- [.050 Inch Centerline FFC Cable Connector](#) (PDF, English)

#### Application Specifications:

- [Flexible Flat Cable \(FFC\) Connectors for 1.27 mm \(.0...](#) (PDF, English)

#### Instruction Sheets:

- None Available

#### CAD Files: (CAD Format & Compression Information)

- [2D Drawing](#) (DXF, Version AF)
- [3D Model](#) (IGES, Version AF)
- [3D Model](#) (STEP, Version AF)

[List all Documents](#)

#### Additional Information:

- [Product Line Information](#)

#### Related Products:

- [Tooling](#)
- [Mating Products \(51\)](#)
- [Housings \(81\)](#)

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

#### Product Type Features:

- Product Type = Contact
- Wire/Cable Type = FFC

#### Termination Features:

- Termination Method to Wire/Cable = Insulation Displacement Crimp (IDC)

#### Contact Features:

- Contact Type = Socket
- Contact Plating, Mating Area, Material = Gold Flash over Palladium Nickel or Gold (30) over Nickel
- Solder Tail Contact Plating = Gold Flash
- Underplate Material = Nickel

#### Housing Features:

- Centerline (mm [in]) = 1.27 [0.050]

#### Industry Standards:

- RoHS/ELV Compliance = RoHS compliant, ELV compliant
- Lead Free Solder Processes = Reflow solder capable to 245°C, Reflow solder capable to 260°C
- RoHS/ELV Compliance History = Always was RoHS compliant

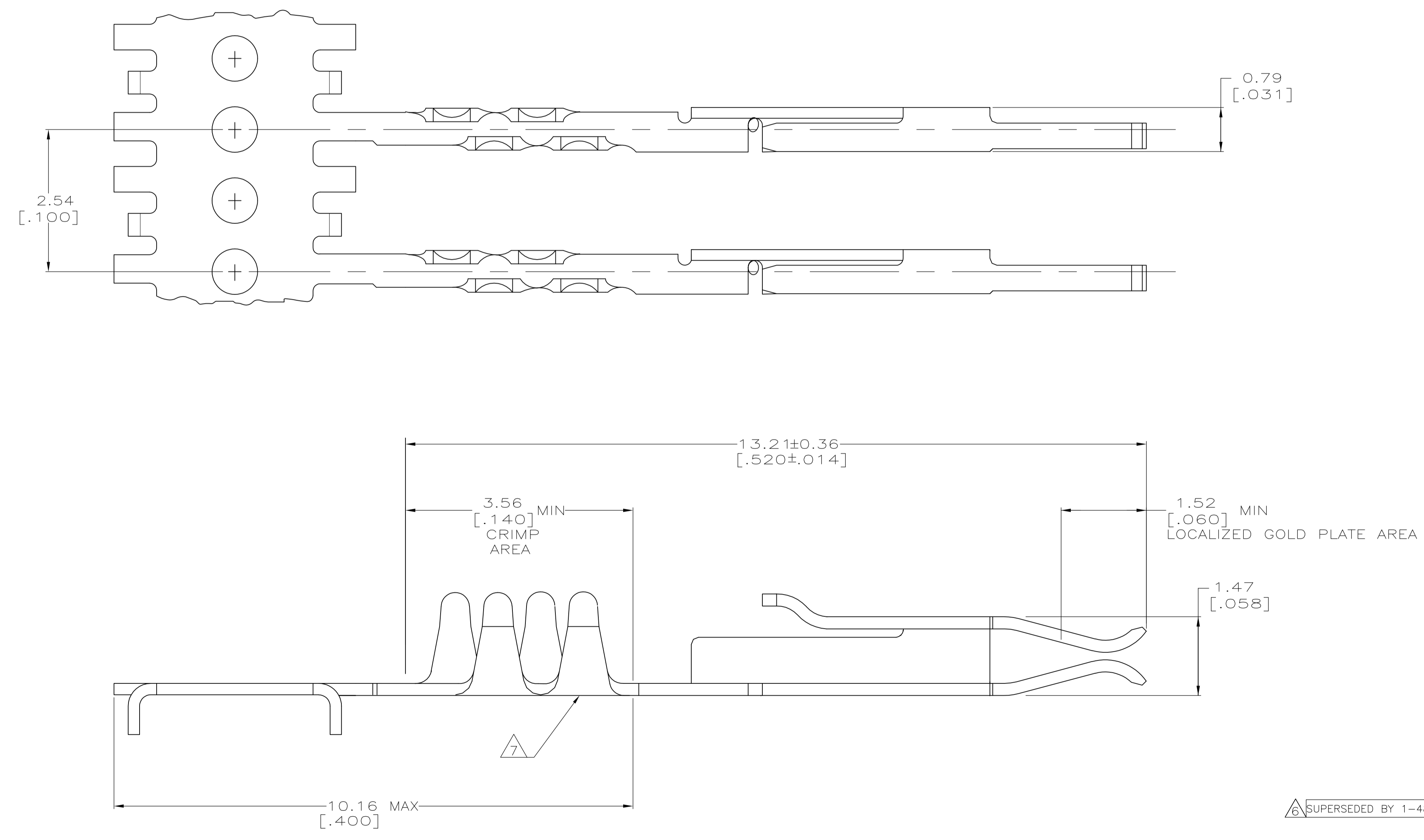
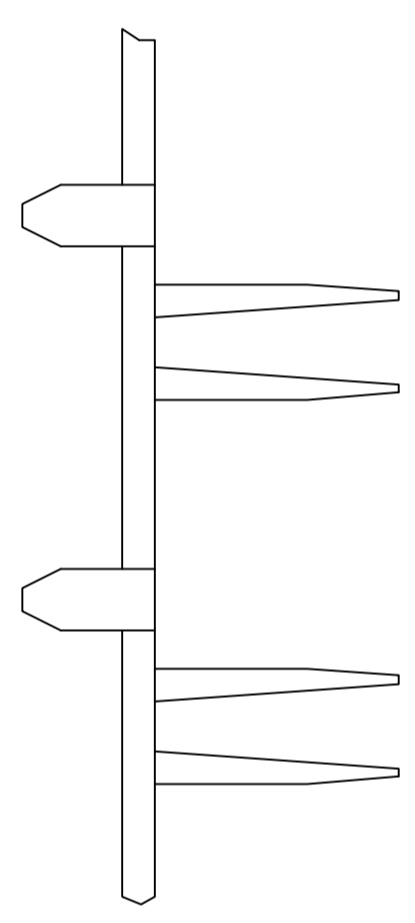
#### Packaging Features:

- Packaging Method = Strip

#### Other:

- Brand = AMP

- ⚠ 0.76μm[.000030] MIN GOLD ON LOCALIZED GOLD PLATE AREA, 2.54μm[.000100] MIN TIN-LEAD ON CRIMP AREA, BOTH OVER 1.27μm[.000050] MIN NICKEL ON ENTIRE CONTACT,  
-OR-  
GOLD FLASH OVER PALLADIUM-NICKEL, 0.76μm[.000030] MIN TOTAL THK ON LOCALIZED GOLD PLATE AREA, 2.54μm[.000100] MIN TIN-LEAD ON CRIMP AREA, BOTH OVER 1.27μm[.000050] MIN THK NICKEL UNDERPLATE ON ENTIRE CONTACT.
- ⚠ 0.38μm[.000015] MIN GOLD ON LOCALIZED GOLD PLATE AREA, 2.54μm[.000100] MIN TIN-LEAD ON CRIMP AREA, BOTH OVER 1.27μm[.000050] MIN NICKEL ON ENTIRE CONTACT,  
-OR-  
GOLD FLASH OVER PALLADIUM-NICKEL, 0.38μm[.000015] MIN TOTAL THK ON LOCALIZED GOLD PLATE AREA, 2.54μm[.000100] MIN TIN-LEAD ON CRIMP AREA, BOTH OVER 1.27μm[.000050] MIN THK NICKEL UNDERPLATE ON ENTIRE CONTACT.
- 3. ACCEPTS 0.38±0.03[.015±.001] SQUARE POST, 3.18-8.89[.125-.350] LONG.
- ⚠ 0.76μm[.000030] MIN GOLD ON LOCALIZED GOLD PLATE AREA, GOLD FLASH IN CRIMP AREA, BOTH OVER 1.27μm[.000050] MIN NICKEL ON ENTIRE CONTACT,  
-OR-  
GOLD FLASH OVER PALLADIUM-NICKEL, 0.76μm[.000030] MIN TOTAL THK ON LOCALIZED GOLD PLATE AREA, GOLD FLASH IN CRIMP AREA, BOTH OVER 1.27μm[.000050] MIN THK NICKEL UNDERPLATE ON ENTIRE CONTACT.
- ⚠ 0.38μm[.000015] MIN GOLD ON LOCALIZED GOLD PLATE AREA, GOLD FLASH IN CRIMP AREA, BOTH OVER 1.27μm[.000050] MIN NICKEL ON ENTIRE CONTACT,  
-OR-  
GOLD FLASH OVER PALLADIUM-NICKEL, 0.38μm[.000015] MIN TOTAL THK ON LOCALIZED GOLD PLATE AREA, GOLD FLASH IN CRIMP AREA, BOTH OVER 1.27μm[.000050] MIN THK NICKEL UNDERPLATE ON ENTIRE CONTACT.
- ⚠ OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI
- ⚠ GOLD PLATING MAY OR MAY NOT BE PRESENT ON BOTTOM OF THE CRIMP BARREL.



7	5	1-487547-2
7	4	1-487547-1
2	1	487547-9
1		487547-1
FINISH		PART NUMBER

⚠ SUPERSEDED BY 1-487547-2

THIS DRAWING IS A CONTROLLED DOCUMENT.		DIN L.SIPE 05/05/92	TE Connectivity	
DIMENSIONS: mm [INCHES]		CIRK R.STONE 5-13-92	CONTACT, RECEPTACLE, .050 C/L, FFC	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD	PRODUCT SPEC 108-16022	
0. PLC ± -	1. PLC ± -	NAME	APPLICATION SPEC 114-16008	
2. PLC ± 0.13 [0.005]	3. PLC ± 0.013 [0.0005]	SIZE	CAGE CODE	DRAWING NO
4. PLC ± -	ANGLES ± -	114-16008	A1	00779
MATERIAL 0.216 [0.0085] THICK PHOSPHOR BRONZE	FINISH SEE TABLE	WEIGHT	C=487547	
		CUSTOMER DRAWING	SCALE 20:1	SHEET 1 OF 1