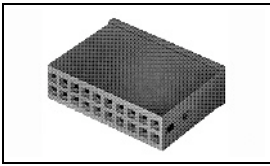


## 87133-7 Product Details

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**87133-7**

TE Internal Number: 87133-7  
✔ Active

[View 3D PDF](#)

### .100 AMPMODU Headers, Housings & Contacts

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

#### Product Highlights:

- Connector
- Housing
- Connector Style = Receptacle
- Contact Type = Socket
- 2.54 mm Centerline

[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:

- [HOUSING, LOCKING CLIP, .64\[.025\] SQUARE POST, 2.54\[....\]](#) (PDF, English)

#### Catalog Pages/Data Sheets:

- [AMPMODU\\_INTERCONNECTION\\_SYSTEM\\_SECTIONS5\\_CONT](#) (PDF, English)

#### Product Specifications:

- [.031 X .061 Locking Clip Connector](#) (PDF, English)

#### Application Specifications:

- [Locking Clip 0.64-mm \(.025-in.\) Square Contacts and ...](#) (PDF, English)

#### Instruction Sheets:

- [AMPMODU Locking Clip Contacts and Housings for 0.64m...](#) (PDF, English)

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

- [2D Drawing \(DXF, Version P1\)](#)
- [3D Model \(IGES, Version P1\)](#)
- [3D Model \(STEP, Version P1\)](#)

[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 = Connector
- Connector Type = Housing
- [Mating Connector Lock](#) = Without
- [Connector Series](#) = Locking Clip
- [Keyed](#) = No

#### Electrical Characteristics:

- Contact - Rated Current (A) = 3
- Voltage Rating (VAC) = 250
- Termination Resistance (mΩ) = 12
- Insulation Resistance (MΩ) = 5,000
- Dielectric Withstanding Voltage (V) = 750

#### Termination Features:

- [Termination Method to Wire/Cable](#) = Crimp

#### Body Features:

- Row-to-Row Spacing (mm [in]) = 2.54 [0.100]

#### Contact Features:

- Contact Type = Socket

#### Housing Features:

- Connector Style = Receptacle
- Centerline (mm [in]) = 2.54 [0.100]
- Mating Alignment = Without
- [Housing Color](#) = Black
- Housing Material = Polyester

#### Configuration Features:

- [Number of Positions](#) = 6
- [Number of Rows](#) = 2
- Stamped = No
- Housing Configuration = Both Ends Closed

#### 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 Flammability Rating = UL 94V-0
- Approved Standards = UL E28476, CSA LR7189

#### Environmental:

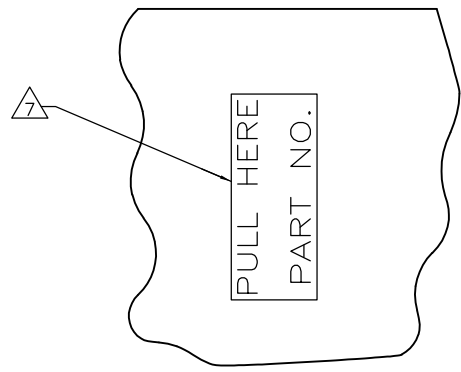
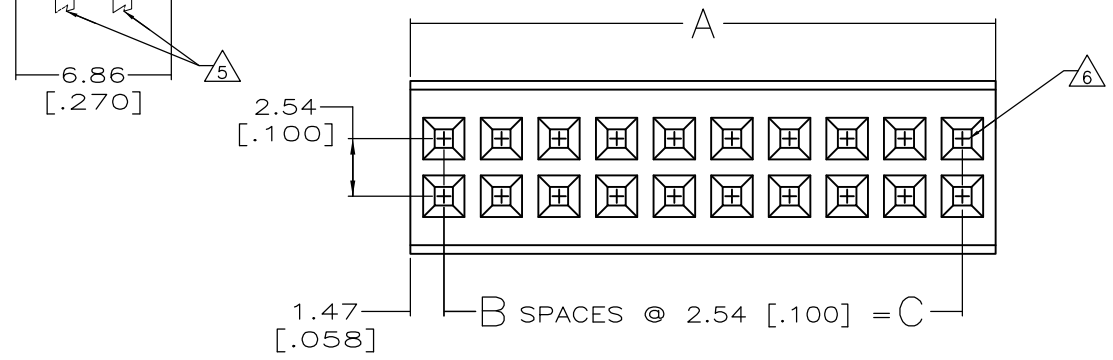
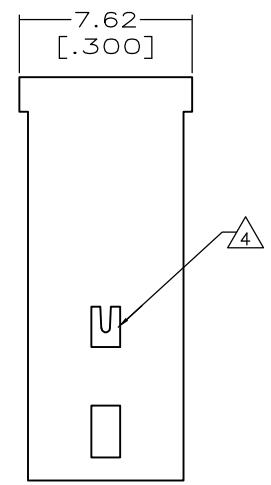
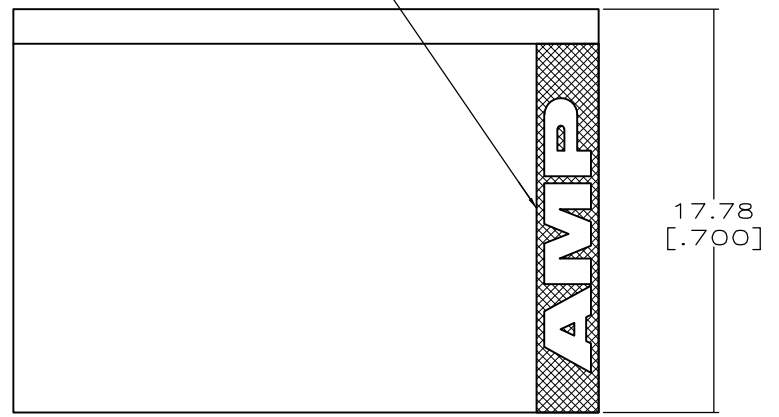
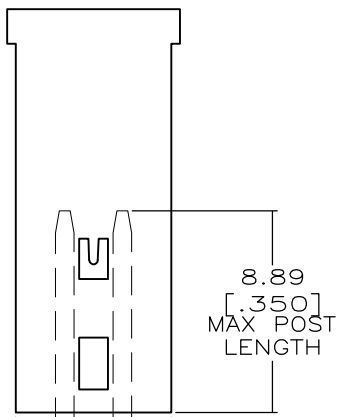
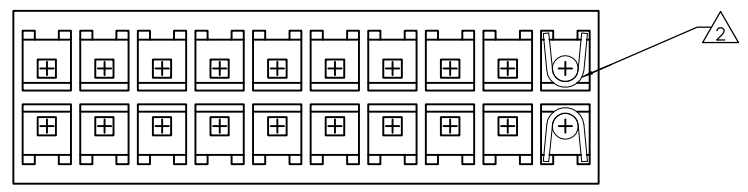
- Operating Temperature (°C) = -65 - +105

#### Other:

- Brand = AMP

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LOC	DIST	REVISIONS					
AD	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
			P3	REVISED PER ECO-11-004587	11MAR11	RK	HMR



- 1 PULL ON HOUSING TO REMOVE FROM POSTS. DO NOT CONFINE THE CONDUCTORS OR PULL ON THE CONDUCTORS DURING REMOVAL ACTION.
- 2 ACCEPTS CONTACT P/N 87124.
- 4 EXTRACTION SLOT MAY BE PARTIALLY FLASHED OVER ONE END ONLY.
- 5 0.62 [.025] SQUARE POST SHOWN FOR REFERENCE ONLY.
- 6 CAVITY ACCEPTS 0.62 [.025] SQUARE POST (TYPICAL).
- 7 MARKED (WHITE) 1.5 [.06] CHARACTERS AS SHOWN IN APPROXIMATE CENTER OF HOUSING. "PULL HERE" AND "PART NO." WILL APPEAR ON HOUSINGS 6 POSITIONS AND LARGER.
- 8 AMP LOGO MOLDED IN TEXTURED AREA, AREA RAISED .0003 - .0007 HIGH AND MAY BE ON EITHER SIDE OF THE PART.
- 9 OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

9	OBSOLETE	STAMPED	20.32 [.800]	8	23.27 [.916]	18	<del>4-87133-6</del>
		UNSTAMPED	20.32 [.800]	8	23.27 [.916]	18	1-87133-5
		STAMPED	17.78 [.700]	7	20.73 [.816]	16	1-87133-4
		UNSTAMPED	17.78 [.700]	7	20.73 [.816]	16	1-87133-3
9	OBSOLETE	STAMPED	12.70 [.500]	5	15.65 [.616]	12	<del>4-87133-2</del>
		UNSTAMPED	12.70 [.500]	5	15.65 [.616]	12	1-87133-1
		STAMPED	7.62 [.300]	3	10.57 [.416]	8	1-87133-0
		UNSTAMPED	7.62 [.300]	3	10.57 [.416]	8	87133-9
		STAMPED	5.08 [.200]	2	8.03 [.316]	6	87133-8
		UNSTAMPED	5.08 [.200]	2	8.03 [.316]	6	87133-7
		STAMPED	22.86 [.900]	9	25.81 [1.016]	20	87133-6
		STAMPED	10.16 [.400]	4	13.11 [.516]	10	87133-5
OBSOLETE		STAMPED	2.54 [.100]	1	5.49 [.216]	4	<del>87133-4</del>
		UNSTAMPED	22.86 [.900]	9	25.81 [1.016]	20	87133-3
		UNSTAMPED	10.16 [.400]	4	13.11 [.516]	10	87133-2
		UNSTAMPED	2.54 [.100]	1	5.49 [.216]	4	87133-1
REMARKS			C	B	A	NO. OF POSITIONS	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R BROWN 27OCT2006	<b>STE</b> TE Connectivity	
DIMENSIONS: mm [INCHES]		CHK M MILLER 27OCT2006		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD M MILLER 27OCT2006	NAME	
0 PLC ± -		PRODUCT SPEC	HOUSING, LOCKING CLIP, .64[.025] SQUARE POST, 2.54[.100] CL CLOSED END	
1 PLC ± -		APPLICATION SPEC	SIZE	CAGE CODE
2 PLC ± 0.13 [.005]		WEIGHT	A3	00779
3 PLC ± -		CUSTOMER DRAWING	DRAWING NO C-87133	
4 PLC ± -		SCALE	3:1	SHEET 1 OF 1
ANGLES ± -		RESTRICTED TO	REV P3	
FINISH -				
MATERIAL GLASS FILLED POLYESTER COLOR: DARK BROWN OR BLACK				