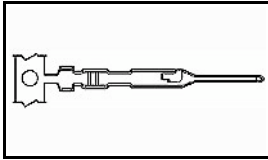


5-104506-5 Product Details

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5-104506-5

TE Internal Number: 5-104506-5

 Active

Contacts-AMPMODU Machine Applied

 Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

- Pin
- Contact Configuration = MTE (IDC)
- Wire Range = 0.03-0.09² [32-28] mm [AWG]
- Wire Insulation Diameter = .64 - 1.37 mm
- Standard Applied Pressure

[View all Features](#)

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Documentation & Additional Information

Product Drawings:

- [PIN, AMPMODU, MTE](#) (PDF, English)

Catalog Pages/Data Sheets:

- [AMPMODU_INTERCONNECTION_SYSTEM_SECTIONS5_CONT](#) (PDF, English)
- [AMPMODU_MTE_INTERCONNECT_SYSTEM_QRG_4-1773458-0](#) (PDF, English)

Product Specifications:

- None Available

Application Specifications:

- [AMPMODU MTE Interconnection System](#) (PDF, English)

Instruction Sheets:

- None Available

CAD Files:

- None Available

[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:

- [Pin/Socket](#) = Pin
- [Wire Insulation Diameter \(mm \[in\]\)](#) = 0.64 - 1.37 [0.025 - 0.054]
- [Applied Pressure](#) = Standard

Electrical Characteristics:

- Voltage Rating (VAC) = 300
- Contact - Rated Current (A) = 3
- Termination Resistance (mΩ) = 12
- Insulation Resistance (MΩ) = 5,000
- Dielectric Withstanding Voltage (V) = 750

Termination Features:

- Termination Method to Wire/Cable = Crimp

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
- Approved Standards = UL E28476, CSA LR7189

Environmental:

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

Packaging Features:

- [Packaging Method](#) = Loose Piece/Bulk

Other:

- Brand = AMP

Body Features:

- [Wire Range \(mm \[AWG\]\) = 0.03-0.09² \[32-28\]](#)

Contact Features:

- [Contact Configuration = MTE \(IDC\)](#)
- [Contact Base Material = Phosphor Bronze](#)
- [Contact Plating, Mating Area, Material = Gold \(15\)](#)
- [Solder Tail Contact Plating = Tin over Nickel](#)

Corporate Information

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Quick Links

[Distributor Inventory](#)
[Product Cross Reference](#)
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[Product Compliance Support Center](#)
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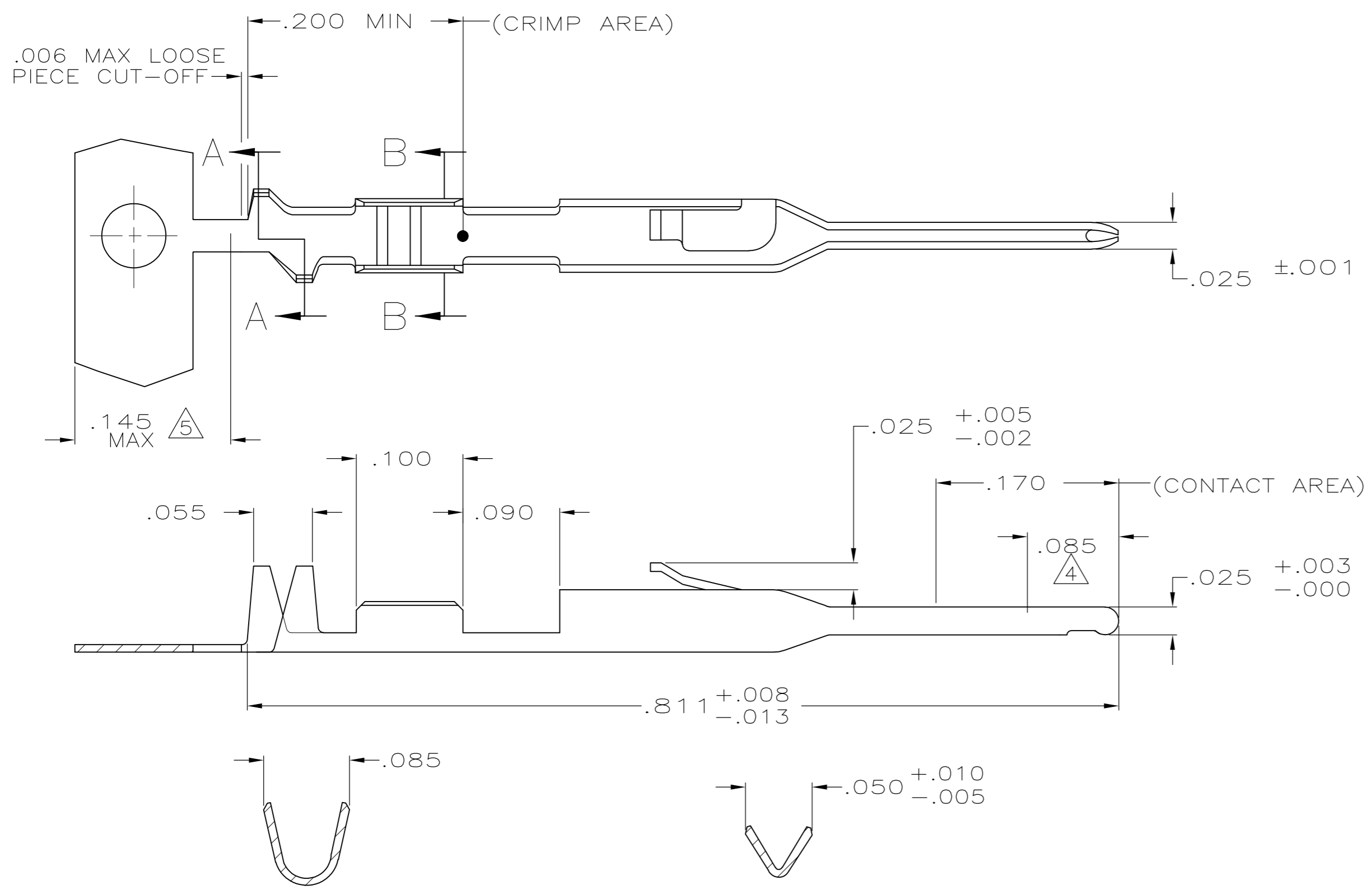
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LOC		DIST		REVISIONS			
AD	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
		H1		REVISED PER ECO-11-004917	11MAR11	RK	HMR



SECTION A-A
INSULATION RANGE .054 MAX

SECTION B-B
WIRE RANGE #28-#32

- 1 .000100-.000200 BRIGHT TIN-LEAD OVER .000030 NICKEL ENTIRE CONTACT
- 2 .000015 GOLD IN CONTACT AREA, .000050-.000100 BRIGHT TIN-LEAD IN CRIMP AREA, ALL OVER .000030 NICKEL ENTIRE CONTACT
- 3 .000030 GOLD IN CONTACT AREA, .000050-.000100 BRIGHT TIN-LEAD IN CRIMP AREA, ALL OVER .000030 NICKEL ENTIRE CONTACT
- 4 POINT OF MEASUREMENT FOR PLATING THICKNESS
- 5 GOLD PLATING NOT REQUIRED IN THIS AREA
- 6 .000015 GOLD IN CONTACT AREA, .000050-.000100 BRIGHT TIN IN CRIMP AREA, ALL OVER .000030 NICKEL ENTIRE CONTACT.
- 7 PRELIMINARY PART - NOT RELEASED FOR PRODUCTION.
- 8 .000100-.000200 BRIGHT TIN OVER .000030 NICKEL ENTIRE CONTACT.
- 9 .000100-.000200 MATTE TIN OVER .000030 NICKEL ENTIRE CONTACT.
- 10 .000015 GOLD IN CONTACT AREA, .000050-.000100 MATTE TIN IN CRIMP AREA, ALL OVER .000030 NICKEL ENTIRE CONTACT
- 11 .000030 GOLD IN CONTACT AREA, .000050-.000100 MATTE TIN IN CRIMP AREA, ALL OVER .000030 NICKEL ENTIRE CONTACT

11	5-104506-7	5-104506-6
10	5-104506-5	5-104506-4
9	5-104506-3	5-104506-2
8	1-104506-1	1-104506-0
6	104506-9	104506-8
3	104506-7	104506-6
2	104506-5	104506-4
1	104506-3	104506-2
FINISH	LOOSE PIECE PART NUMBER	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN	D KEITZER	12-14-88
CHK	S. SHUEY	12-15-88
APVD	C.SINISI	12-16-88
PRODUCT SPEC		
APPLICATION SPEC		
WEIGHT	-	
MATERIAL	PHOS BRONZE	
FINISH	SEE TABLE	

TE Connectivity

PIN, AMPMODU, MTE

SIZE: A2 CAGE CODE: 00779 DRAWING NO: C=104506 RESTRICTED TO: -

CUSTOMER DRAWING SCALE: 10:1 SHEET: 1 of 1 REV: H1