



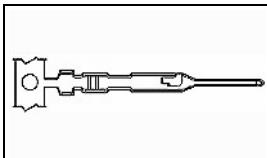
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## 5-104506-7 Product Details

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**5-104506-7**

TE Internal Number: 5-104506-7



### Contacts-AMPMODU Machine Applied



Always EU RoHS/ELV Compliant (Statement of  
Compliance)

#### Product Highlights:

- Pin
- Contact Configuration = MTE (IDC)
- Wire Range = 0.03-0.09<sup>2</sup> [32-28] mm [AWG]
- Wire Insulation Diameter = .64 - 1.37 mm
- Standard Applied Pressure

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### Documentation & Additional Information

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#### Additional Information:

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### 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
- Termination Method to Wire/Cable = Crimp

#### 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:

- Solder Tail Contact Plating = Tin over Nickel

#### Body Features:

- Wire Range (mm [AWG]) = 0.03-0.09<sup>2</sup> [32-28]

#### Contact Features:

- Contact Configuration = MTE (IDC)
- Contact Base Material = Phosphor Bronze
- Contact Plating, Mating Area, Material = Gold (30)

#### 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:

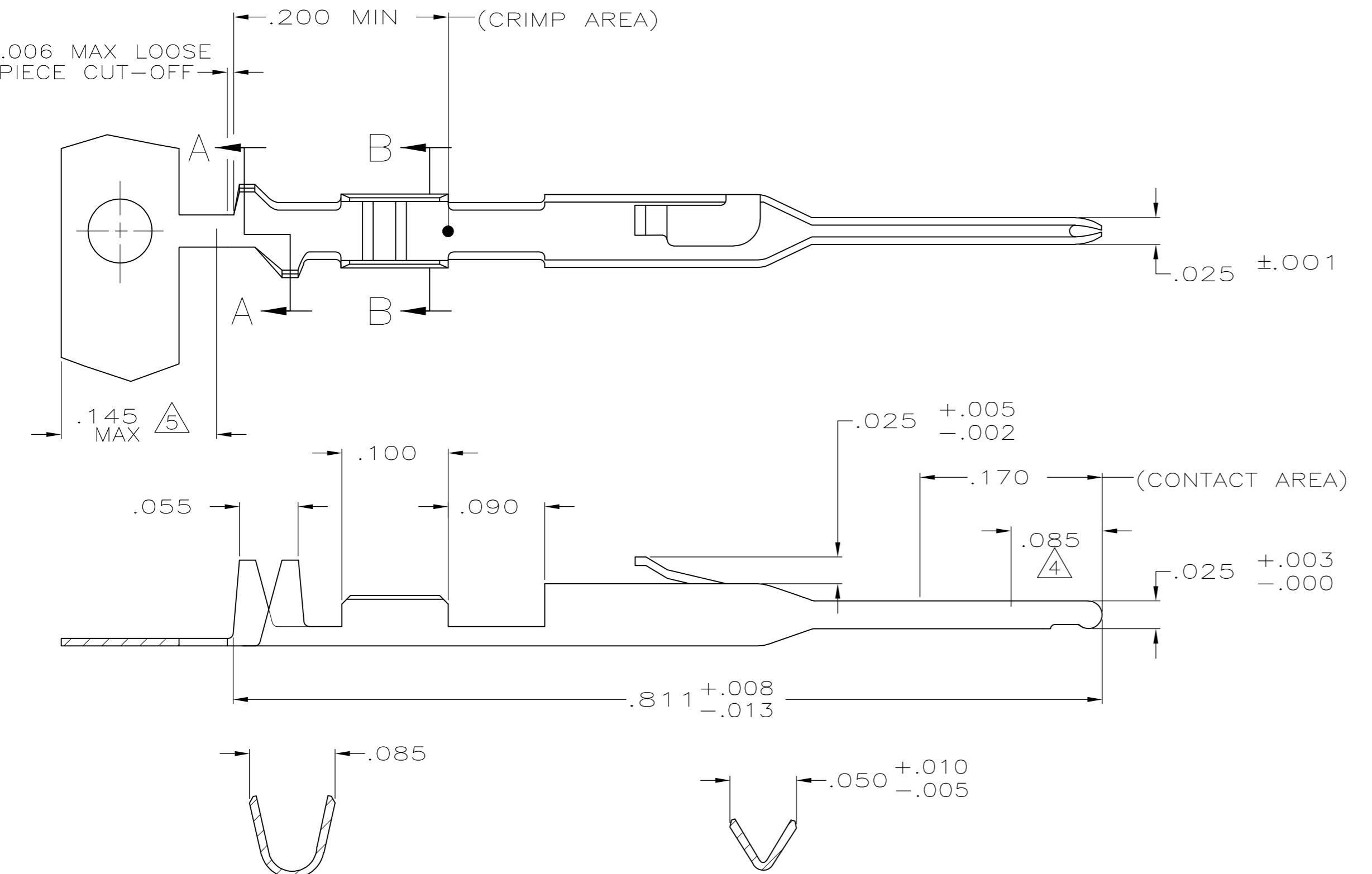
- Packaging Method = Loose Piece

#### Other:

- Brand = AMP

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LOC AD 00 DIST H1 REVISIONS  
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

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:	
0 PLC	± -	S. SHUEY	12-15-88
1 PLC	± -	D KEITZER	12-14-88
2 PLC	± -	CHK	12-15-88
3 PLC	± .005	C SINISI	12-16-88
4 PLC	± -	PRODUCT SPEC	—
ANGLES	± -	APPLICATION SPEC	—
MATERIAL	FINISH	WEIGHT	RESTRICTED TO
PHOS BRONZE	SEE TABLE	—	A2 00779 C-104506
CUSTOMER DRAWING		SCALE	10:1
REV H1		SHEET	1 OF 1

**TE** TE Connectivity

PIN,  
AMPMODU,  
MTE