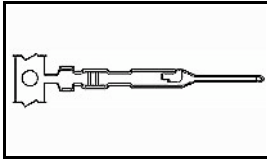


5-104506-5 Product Details

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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](#)

Quick Links

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- ▶ [Search for Tooling](#)
- ▶ [Product Feature Selector](#)
- ▶ [Contact Us About This Product](#)

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Documentation & Additional Information

Product Drawings:

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

Catalog Pages/Data Sheets:

- [AMPMODU_INTERCONNECTION_SYSTEM_SECTION5_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	
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Corporate Information

About TE
Investors
News Room
Supplier Portal
Careers
Terms & Conditions
Privacy Policy

Quick Links

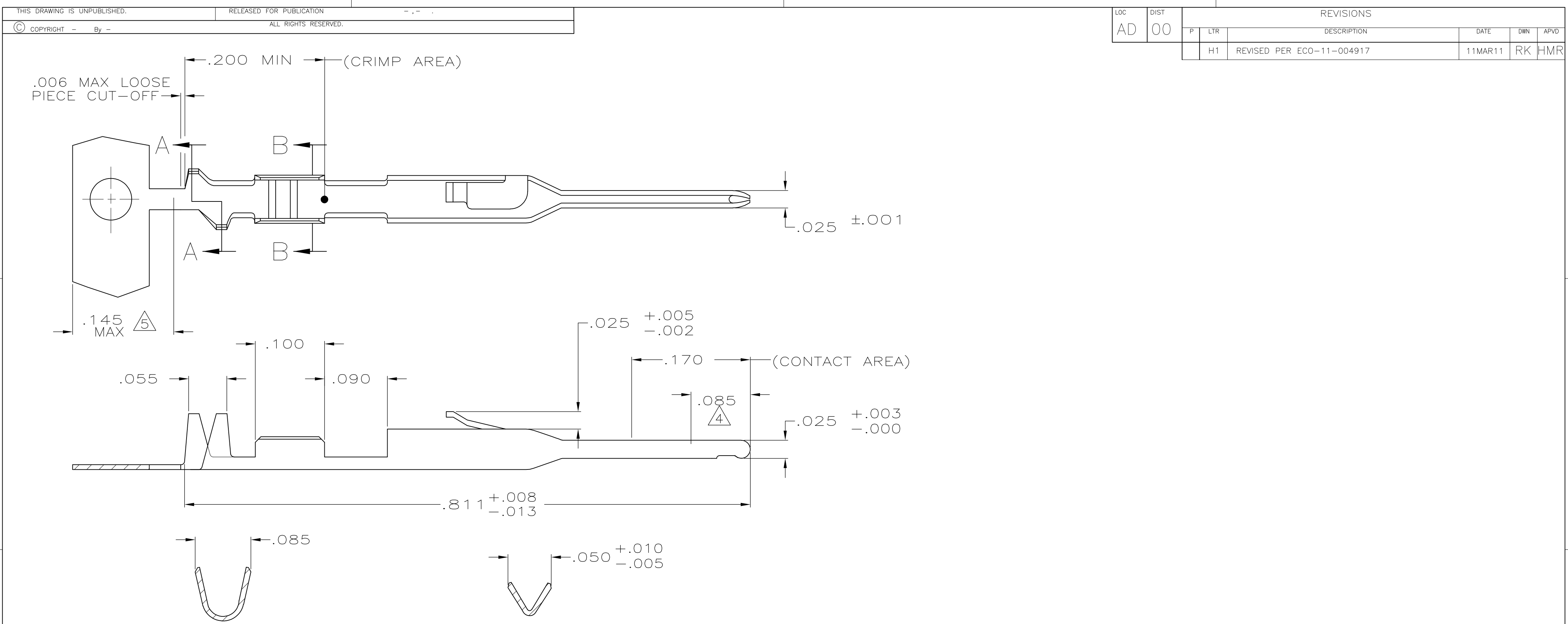
Distributor Inventory
Product Cross Reference
Documents & Drawings
Product Compliance Support Center
Site Map

Customer Support

Email or Chat With Us
Find a Phone Number
Knowledge Base
Manage Your Account

Keep Me Informed





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

DIMENSIONS:
INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± -
1 PLC ± -
2 PLC ± -
3 PLC ± .005
4 PLC ± -
ANGLES ± -
FINISH
SEE TABLE

MATERIAL
PHOS BRONZE

WEIGHT
-

CUSTOMER DRAWING

TE Connectivity

PIN,
AMP MODU,
MTE

SIZE
A2

CAGE CODE
00779

DRAWING NO
C-104506

RESTRICTED TO
-

SCALE
10:1

SHEET
1 of 1

REV
H1

1471-9 (3/11)