

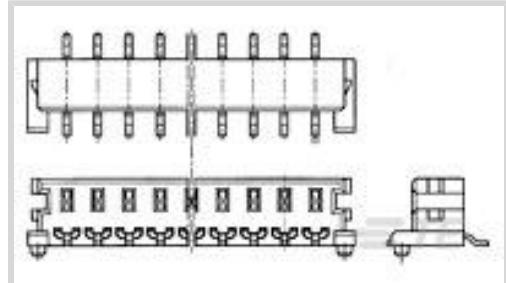
AMPMODU

TE Internal #: 7-917570-2

PCB Mount Header, Right Angle, Wire-to-Board, 12 Position, 1.5 mm [.059in] Centerline, 1 Row, Tin, Black Housing Color, Printed Circuit Board

[View on TE.com >](#)

Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Headers & Receptacles



PCB Connector Assembly Type: **PCB Mount Header**

PCB Mount Orientation: **Right Angle**

Connector System: **Wire-to-Board**

Number of Positions: **12**

Centerline (Pitch): **1.5 mm [.059 in]**

Features

Product Type Features

PCB Connector Assembly Type	PCB Mount Header
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

PCB Mount Orientation	Right Angle
Number of Positions	12
Number of Rows	1

Electrical Characteristics

Operating Voltage	10 VAC
-------------------	--------

Contact Features

Contact Layout	Inline
Contact Retention Within Housing	Without
Contact Base Material	Phosphor Bronze
Contact Mating Area Plating Material	Tin
Contact Mating Area Plating Material Finish	Matte
Contact Mating Area Plating Material Thickness	2 μ m[78.7 μ in]
Contact Type	Socket

Contact Current Rating (Max)

1 A

Termination Features

Rectangular Termination Post & Tail Thickness

.35 mm[.014 in]

Rectangular Termination Post & Tail Width

.2 mm[.008 in]

Termination Method to Printed Circuit Board

Surface Mount

Mechanical Attachment

Strain Relief

Without

PCB Mount Alignment

Without

Mating Retention

With

PCB Mount Retention

Without

Connector Mounting Type

Board Mount

Housing Features

Centerline (Pitch)

1.5 mm[.059 in]

Housing Color

Black

Housing Material

Nylon 9T

Dimensions

Connector Height

3.25 mm[.127 in]

Usage Conditions

Operating Temperature Range

-40 – 105 °C[-40 – 221 °F]

Operation/Application

Circuit Application

Signal

Industry Standards

UL Flammability Rating

UL 94V-0

Packaging Features

Packaging Quantity

1500

Packaging Method

SMT Pocket Tape

Product ComplianceFor compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU

Compliant

EU ELV Directive 2000/53/EC

Compliant

China RoHS 2 Directive MIIT Order No 32, 2016

No Restricted Materials Above Threshold

EU REACH Regulation (EC) No. 1907/2006

Current ECHA Candidate List: JAN 2021

(211)

Candidate List Declared Against: JAN 2021

(211)

Does not contain REACH SVHC

Halogen Content

Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free

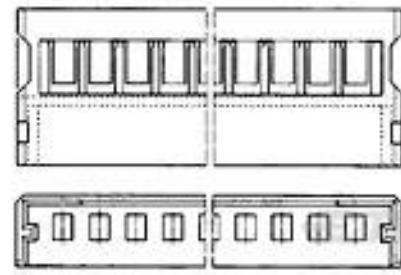
Solder Process Capability

Reflow solder capable to 245°C

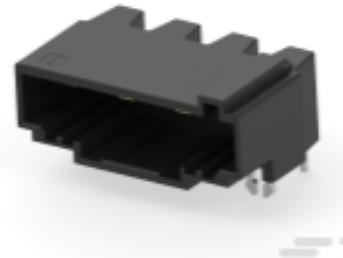
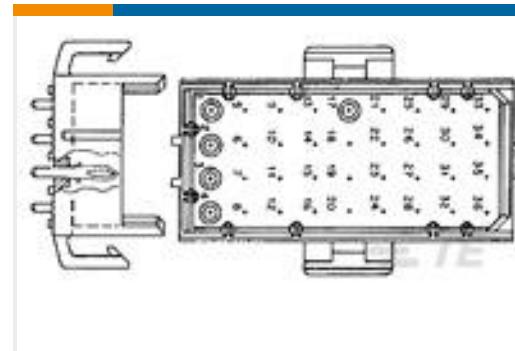
Product Compliance Disclaimer

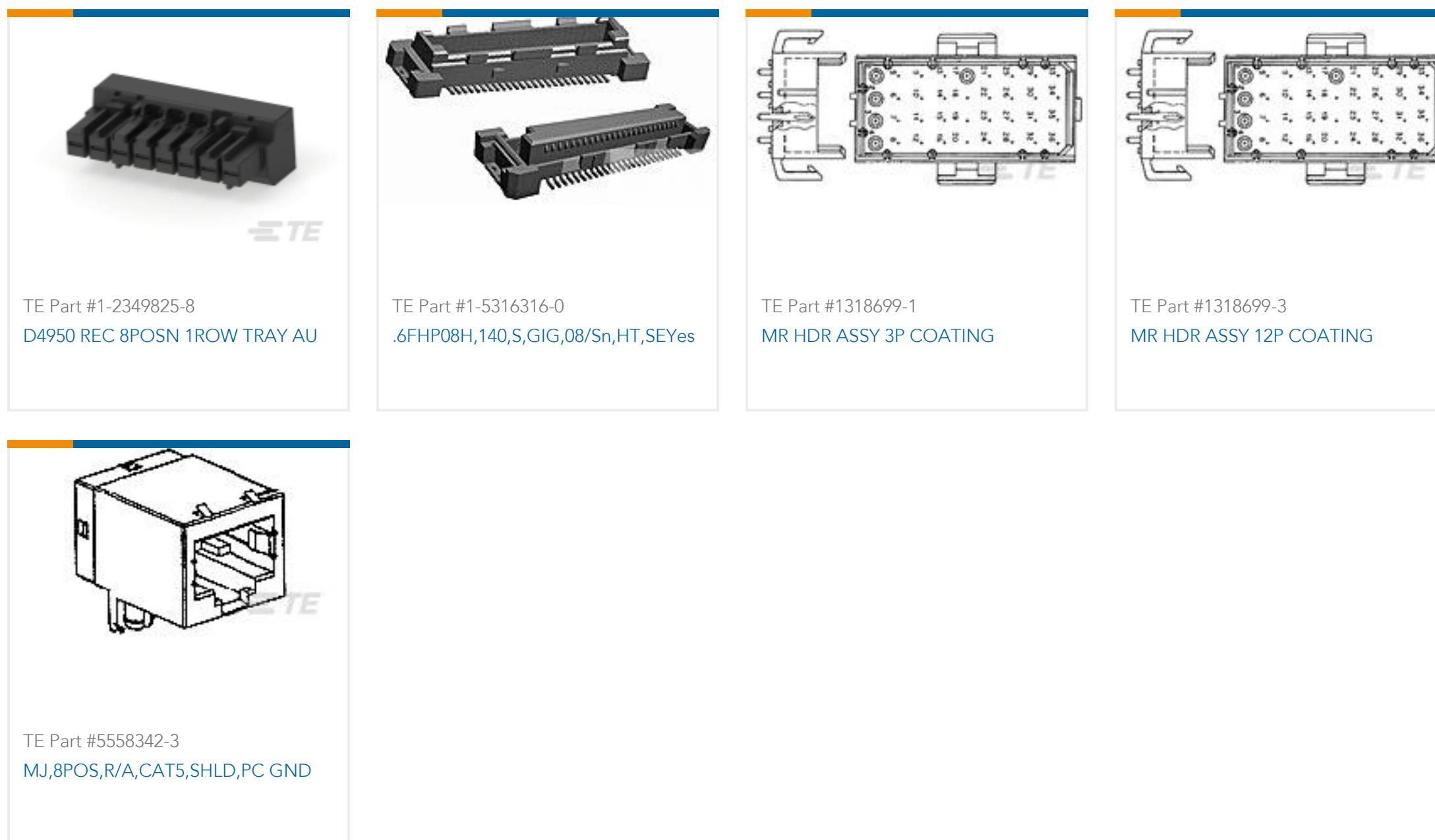
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts

TE Part # 1-917572-2
1.5 B-T-W PLUG HSG 12P BLACKTE Part # 2069390-2
PLUG HSG, 1.5VP REMODEL 12P

Customers Also Bought

TE Part #1-2271457-8
DYNAMIC 3950 ASSYTE Part #1318699-5
MR HDR ASSY 24P COATINGTE Part #2013874-1
ME CONN (M) DUMMY PLUG ASSYTE Part #1-2040558-3
DYNAMIC 1200D HDR ASSY V 6P X
BLACK TIN



Documents

Product Drawings

[1.5 B-T-W HDR ASSY 12P W/O BOS](#)

Japanese

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_7-917570-2_J.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_7-917570-2_J.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_7-917570-2_J.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

[Product Specification](#)

English

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[7-917570-2](#)