

5747091-2

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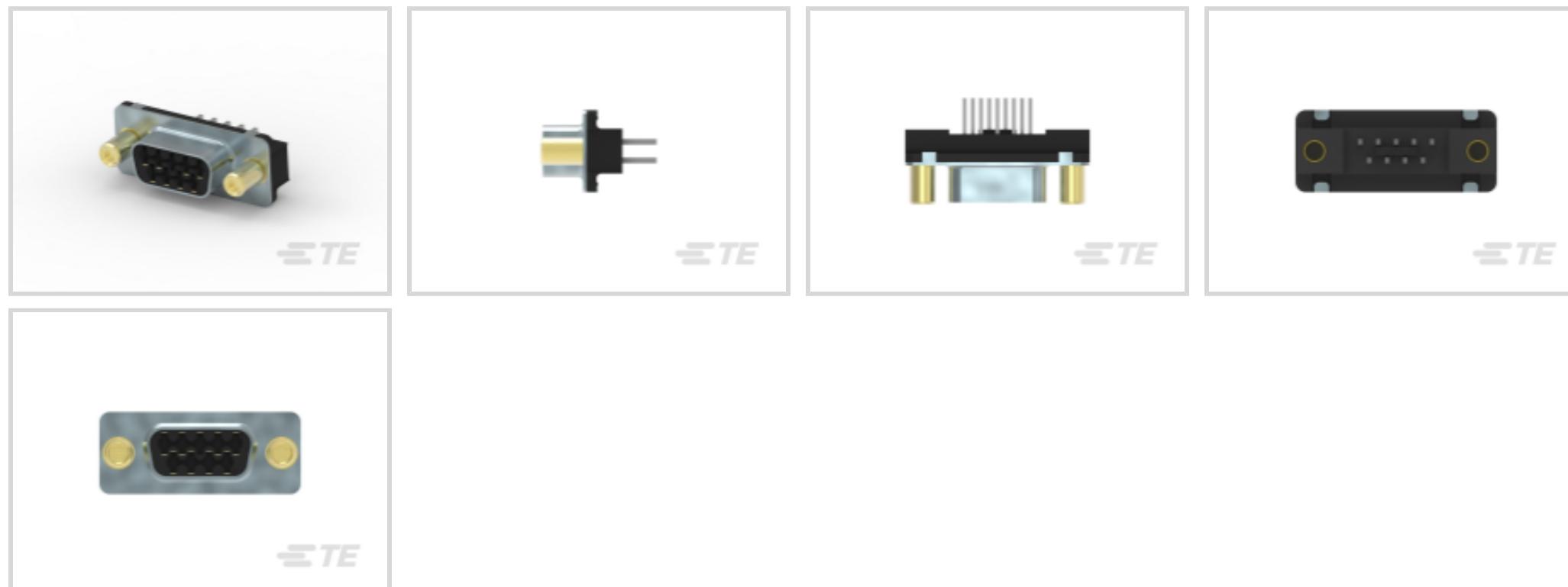
AMPLIMITE

TE Internal #: 5747091-2

TE Internal Description: 09 RCPT ACT PIN/MS MED SCRLK

[View on TE.com >](#)

Connectors > D-Shaped Connectors

Number of Positions: **9**Connector & Housing Type: **Receptacle**Connector System: **Board-to-Board**Connector Mounting Type: **Board Mount**Connector Shell Size: **1****Features****Product Type Features**

Shell Material Configuration	Front Metal Shell
Connector & Housing Type	Receptacle
Connector System	Board-to-Board
Connector Shell Size	1
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	9
Number of Rows	2
PCB Mount Orientation	Vertical

Body Features

Shell Plating Material	Tin
Mating Feature Material	Zinc
Primary Product Color	Black
Connector Profile	Standard

Contact Features

	30 μ in
Contact Underplating Material	Nickel, Palladium Nickel
Contact Mating Area Plating Material	Gold (Au)
Contact Base Material	Copper Alloy
PCB Contact Termination Area Plating Material	Tin
Contact Options	Installed

Termination Features

Rectangular Termination Post & Tail Width	.86 mm[.034 in]
Rectangular Termination Post & Tail Thickness	.63 mm[.025 in]
Termination Method to PCB	Through Hole - Press-Fit
Termination Post & Tail Length	5.8 mm[.228 in]

Mechanical Attachment

Mounting Hole Diameter	3.05 mm[.12 in]
Connector Mounting Type	Board Mount
PCB Mount Retention	With
PCB Mount Retention Type	Action/Compliant Tail, Mounting Hole
Mating Retention	With
Mating Retention Type	Female Screwlocks, Fixed

Housing Features

Housing Material	Nylon GF, Polyester GF
Shell Material	Carbon Steel
Centerline (Pitch)	2.74 mm[.108 in]

Dimensions

PCB Thickness (Recommended)	2.36 mm[.093 in]
Row-to-Row Spacing	2.84 mm[.112 in]

Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
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Operation/Application

Circuit Application	Signal
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Industry Standards

UL Flammability Rating	UL 94V-0
Compatible With Approved Standards Products	UL E81956

Packaging Features

Packaging Quantity	130
Packaging Method	Tray

Product Compliance

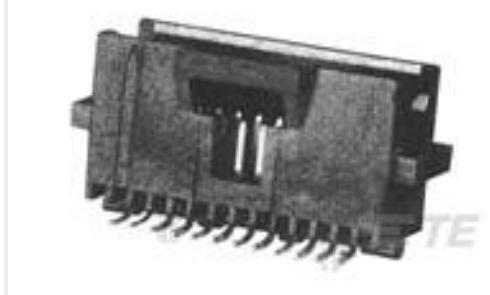
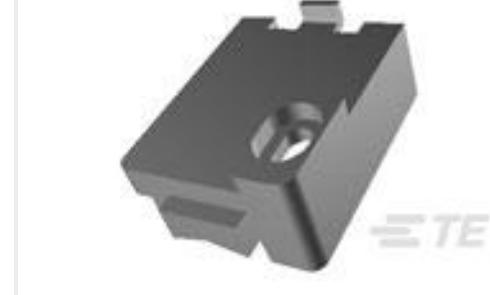
For compliance documentation, visit the product page on TE.com>

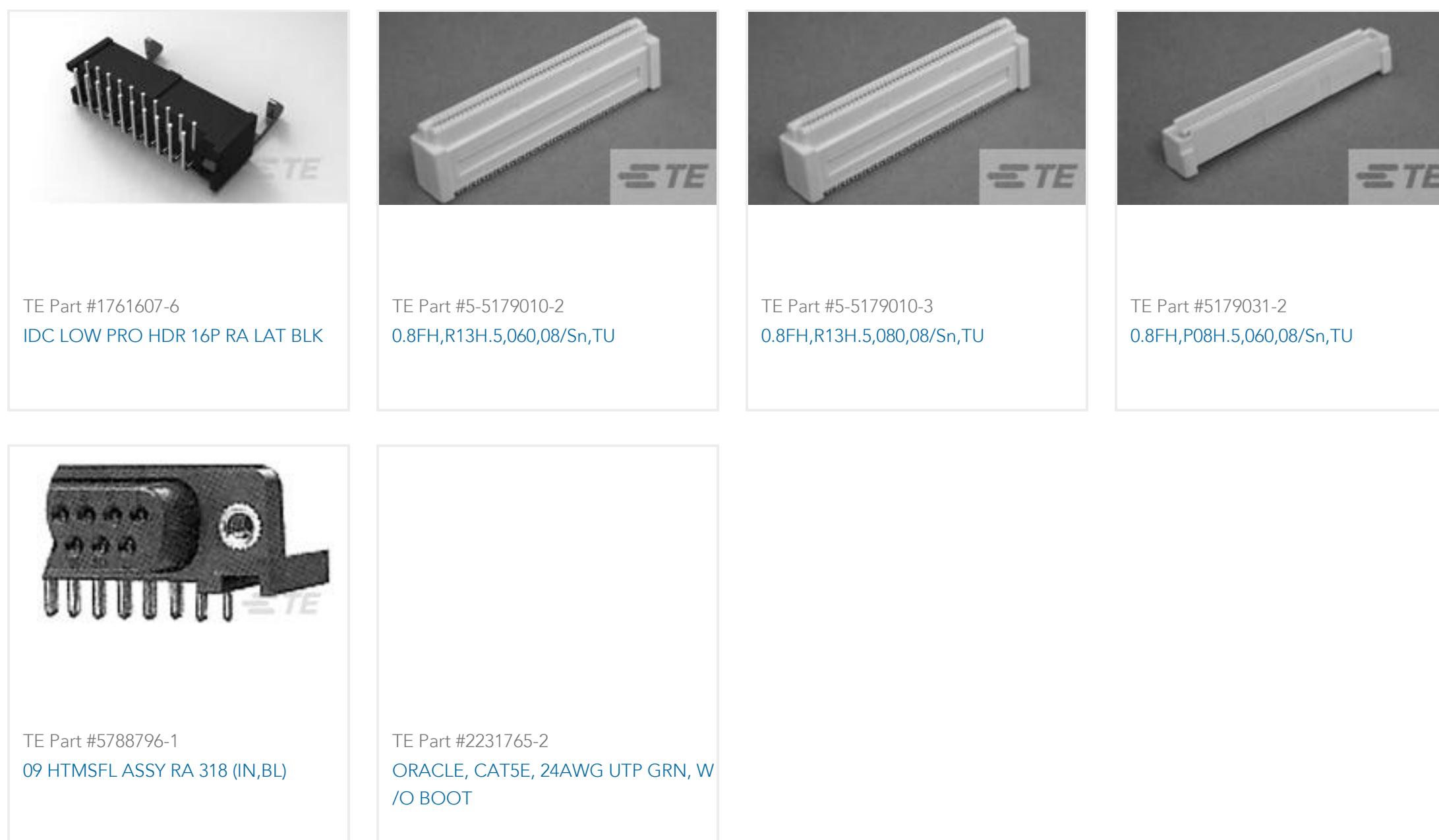
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable for solder process capability

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>

Customers Also Bought

 TE Part #60617-6 CMNL SOK AUPHBZ L/P	 TE Part #5-147377-8 100 SYS50 SMT HDRDR SHD SN	 TE Part #1-480277-0 09P CMNL CAP HSG P/M NATL	 TE Part #1-640722-0 09P UMNL STR/REL & INSRT NATL
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Documents

Product Drawings

09 RCPT ACT PIN/MS MED SCRLK

English

CAD Files

Customer View Model

[ENG_CVM_CVM_5747091-2_D.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_5747091-2_D.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5747091-2_D.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

AMPLIMITE Subminiature D Connectors - Straight Posted Connectors

English

Product Specifications

Application Specification

English

Agency Approvals

UL Report

5747091-2

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English