

AMP DUOPLUG2.5 MK II HOUSING W. PCB

LOCK ✓ ACTIVE

RAST

TE Part # 2-1740918-3

TE Internal #: 2-1740918-3

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Connectors > PCB Connectors > Card Edge Connectors > Standard Edge Connectors



Connector System: **Wire-to-Board**
Number of Positions: **3**
Centerline (Pitch): **2.5 mm [.098 in]**
Termination Method to Wire & Cable: **Insulation Displacement Crimp (IDC)**
Locking Clip Location: **None**

Features

Product Type Features

Wire/Cable Type	Stranded
Connector System	Wire-to-Board
Connector Style	Receptacle
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Card Entry Style	Side
Number of Insulation Displacement Slots	3
Number of Positions	3
Number of Rows	1
Connector Contact Load Condition	Selectively Loaded
PCB Mount Orientation	Right Angle

Electrical Characteristics

Operating Voltage	250 V
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Contact Features



Contact Type	Socket
Contact Mating Area Plating Material Thickness	3 – 6 µm
Contact Mating Area Plating Material	Tin
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	CuSn
Contact Current Rating (Max)	2 A

Termination Features

Termination Method to Wire & Cable	Insulation Displacement Crimp (IDC)
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Mechanical Attachment

Mating Alignment	With
Mating Retention	Without
Mating Alignment Type	Keyed
Contact Retention	With
Contact Retention Type	Locking Lance
Panel Mount Feature	Without
Locking Clip Location	None
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Entry Configuration	One End Open
Centerline (Pitch)	2.5 mm[.098 in]
Housing Color	Natural
Housing Material	PA 6 GF

Dimensions

Height	7.3 mm[.287 in]
PCB Thickness (Recommended)	1.5 mm[.059 in]
Accepts Wire Insulation Diameter Range	1.2 – 1.4 mm[.047 – .055 in]
Wire Size	.22 – .35 mm²

Usage Conditions

Operating Temperature Range	-40 – 110 °C[-40 – 230 °F]
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Operation/Application

Circuit Application	Signal
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Packaging Features

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Packaging Method	Box
Packaging Quantity	15400

Product Compliance

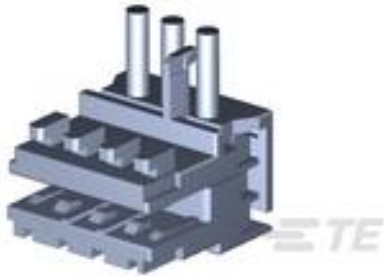
For compliance documentation, visit the product page on TE.com>

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 2019 (197) Candidate List Declared Against: JAN 2019 (197)
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 Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.


Customers Also Bought



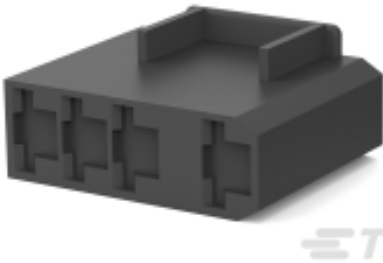
TE Part #1-1740501-3
AMP DUOPLUG2.5 MK II
HOUSING W. PCB LOCK



TE Part #3-177899-1
POWER DBL LOCK PLUG
HSG 3P



TE Part #1-520935-6
HSG,RECP,POSI-
LOCK&STD FAST250



TE Part #1-520987-4
FASTON 250 REC HSG 4
CIR BLK

AMP DUOPLUG2.5 MK II HOUSING W. PCB LOCK

TE Part # 2-1740918-3
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TE Part #1-61795-0
RING 18-14 105-145 #10
025TPBR

TE Part #2-2133346-0
FASTON 250 HOUSING
RECEPTACLE

TE Part #2238135-2
RECEPTACLE, POSITIVE-
LOCK, RAST 6.35

TE Part #521633-1
250 ULTRA-POD FLAG 18-
14 BR

TE Part #60214-3
.187 FAST REC 20-16 .
0126BR

TE Part #881607-1
FASTON 110 REC 0.5-1.0
MM2 0.25X12.30 BR

Documents

Product Drawings

AMP DUOPLUG2.5 MK II HOUSING W. PCB LOCK

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2-1740918-3_D_c-2-1740918-3-d.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2-1740918-3_D_c-2-1740918-3-d.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2-1740918-3_D_c-2-1740918-3-d.3d_stp.zip

English

Datasheets & Catalog Pages

1654742_HOUSEHOLD_APPLIANCES_RAST2.5

English

Product Specifications

Application Specification

English

Product Environmental Compliance

TE Material Declaration

English

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[Agency Approvals](#)

[VDE Certificate](#)

English