

HSG,250 POSI-LOC,MKII,6P,NAT

✓ ACTIVE

RAST | RAST 5 IDC Connectors

TE Part # 521208-5

TE Internal #: 521208-5

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Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Housings



Connector System: **Wire-to-Wire**
Number of Positions: **6**
Centerline (Pitch): **5 mm [.197 in]**
Termination Method to Wire & Cable: **Crimp**
Number of Rows: **1**

Features

Product Type Features

Connector System	Wire-to-Wire
Row-to-Row Spacing	5 mm[.197 in]
Sealable	No
Connector & Contact Terminates To	Wire & Cable
Connector Style	Receptacle
Product Type	Connector Assembly, Connector
Strain Relief	Without
Glow Wire Rating	Standard Part - Not Glow Wire

Configuration Features

Keying & Polarized Position Locations	5C
Number of Positions	6
Number of Rows	1

Contact Features

Accepts Contact Type	Receptacle
Contact Base Material	Brass



Contact Type	Socket
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Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Lock Type	Latch
Mating Connector Lock	With
Panel Mount Feature	Without
Mating Connector Lock Type	Latch
PCB Mount Retention	Without
Mating Retention	With
Mating Retention Type	Latch
Connector Mounting Type	Cable Mount (Free-Hanging)
Mating Area Interface Dimensions	.25 in, 6.35 mm
Mating Alignment Type	Keyed
Mating Alignment	With

Housing Features

Housing Entry Configuration	Both Ends Closed
Centerline (Pitch)	5 mm[.197 in]
Housing Color	Natural
Housing Material	Nylon 66/6

Dimensions

Wire Size	22 – 14 AWG
Height	30.12 mm[1.186 in]
Length	9.2 mm[.362 in]

Usage Conditions

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

Circuit Application	Power & Signal
For Use With	Tab Contact

Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features



Packaging Quantity	1
Packaging Method	Package

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

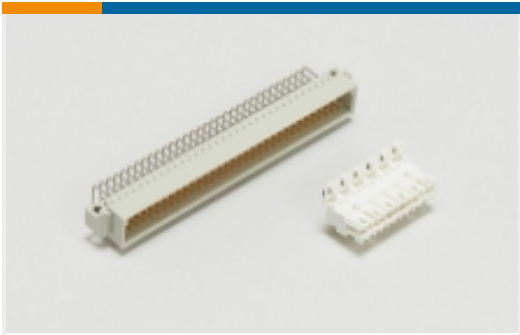
Also in the Series | RAST 5 IDC Connectors

Automotive, Truck, Bus, & Off-Road Terminals(8)

Connector Contacts(12)

Crimp Terminal Housings (41)

Rectangular Connector Housings(1)



Standard Edge Connectors
(4)



Standard Rectangular
Connectors(108)



Wire-to-Board Connector
Contacts(1)



Wire-to-Board Connector
Housings(218)



Wire-to-Board Headers &
Receptacles(459)

Customers Also Bought



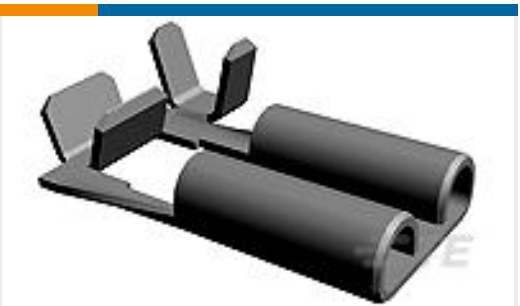
TE Part #1241980-8
SPECIAL STANDARD
TIMER HOUSING 8POS



TE Part #1738473-1
FASTON 250 HSG
INFINITE SW NYLON NAT



TE Part #1738494-1
FASTON 250 HSG
INFINITE SW NYLON NAT



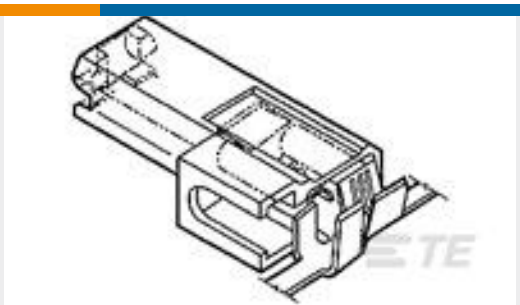
TE Part #1742049-1
FASTON 187 FLAG REC
(2X)18AWG NPST



TE Part #1969107-2
ULTRA-POD 187 ASSY
REC 22-18 AWG TPBR



TE Part #1969116-1
FASTON 187/250 REC
HSG 3 CIR NYLON NAT



TE Part #521347-2
ULTRA-POD 250 ASY REC
18-14 TIN HARD BR



TE Part #6-1123722-9
3.96 EP PLUG HSG 9P
(GREEN)



TE Part #794546-1
15P UMNL PLUG HSG,
HITEMP,BLACK



TE Part #794757-1
06P UMNL CAP HSG
NATL V2

Documents



Product Drawings

[HSG,250 POSI-LOC,MKII,6P,NAT](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_521208-5_S.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_521208-5_S.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_521208-5_S.3d_stp.zip](#)

English

Product Environmental Compliance

[TE Material Declaration](#)

English

Agency Approvals

[UL Report](#)

English