

917690-6 ✓ ACTIVE



AMP Signal Double Lock

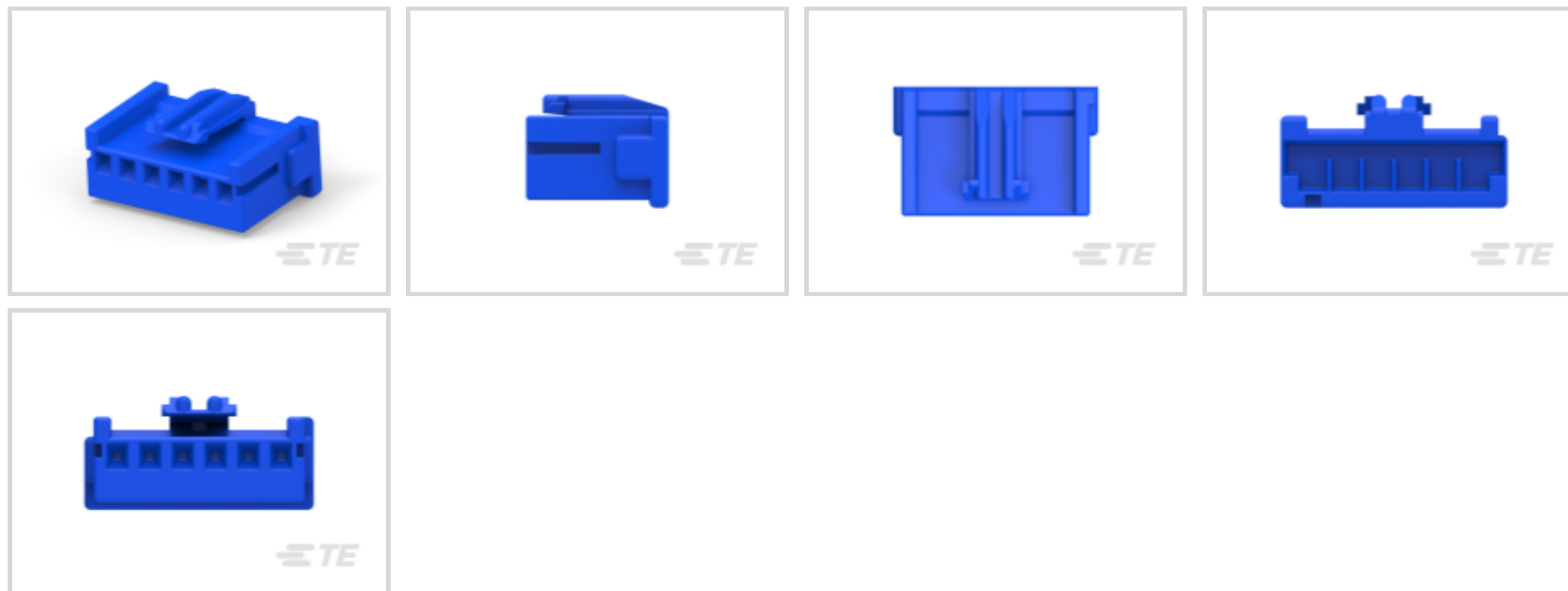
TE Internal #: 917690-6

Housing, Plug, Wire-to-Wire, 6 Position, 2.5 mm [.098 in] Centerline, Crimp, 1 Row, Blue, Mating Retention, Wire & Cable, AMP Signal Double Lock

[View on TE.com >](#)

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

STD Temp Signal Double Lock Plug



Connector Product Type: **Housing**

Connector & Housing Type: **Plug**

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

Number of Positions: **6**

Centerline (Pitch): **2.5 mm [.098 in]**

[All STD Temp Signal Double Lock Plug \(35\)](#)

Features

Product Type Features

Connector Product Type	Housing
Connector & Housing Type	Plug
Connector System	Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	6
Number of Rows	1

Electrical Characteristics

Operating Voltage	250 VAC
-------------------	---------

Contact Features

--	--



Contact Layout	Inline
Contact Type	Socket
Contact Current Rating (Max)	3 A

Termination Features

Termination Method to Wire & Cable	Crimp
------------------------------------	-------

Mechanical Attachment

Strain Relief	Without
Mating Retention Type	Latch
Mating Retention	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	Nylon 6/6
Centerline (Pitch)	2.5 mm [.098 in]
Housing Color	Blue

Dimensions

	11 in
Wire Size	.518 mm ²

Usage Conditions

Operating Temperature Range	-30 – 105 °C [-22 – 221 °F]
-----------------------------	-----------------------------

Operation/Application

Circuit Application	Power & Signal
---------------------	----------------

Industry Standards

Glow Wire Rating	Standard Part - Not Glow Wire
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	300
Packaging Method	Bag & Box

Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.te.com)>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant



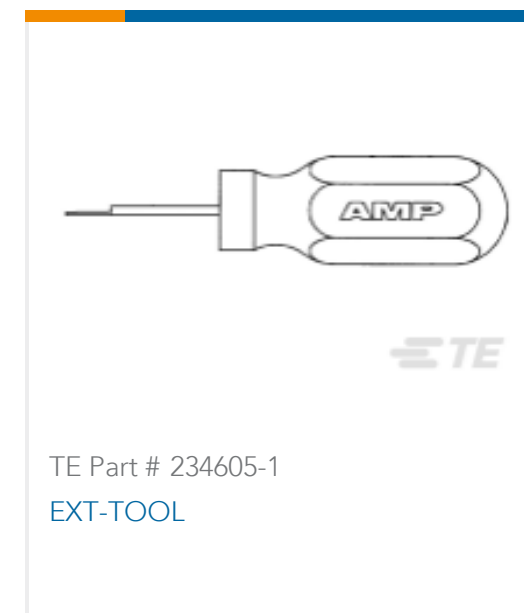
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

Product Compliance Disclaimer

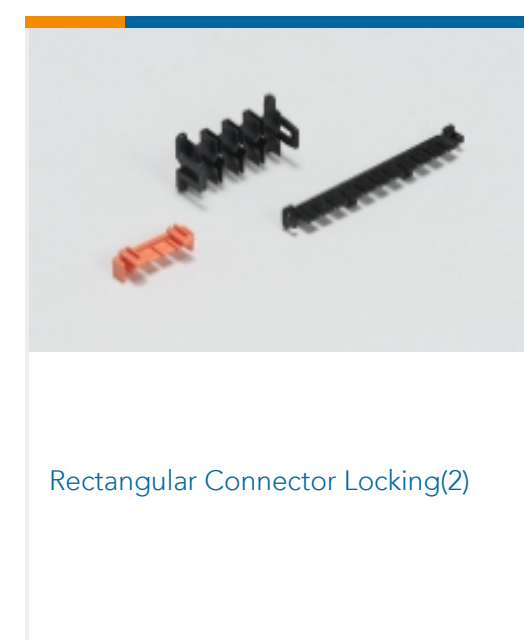
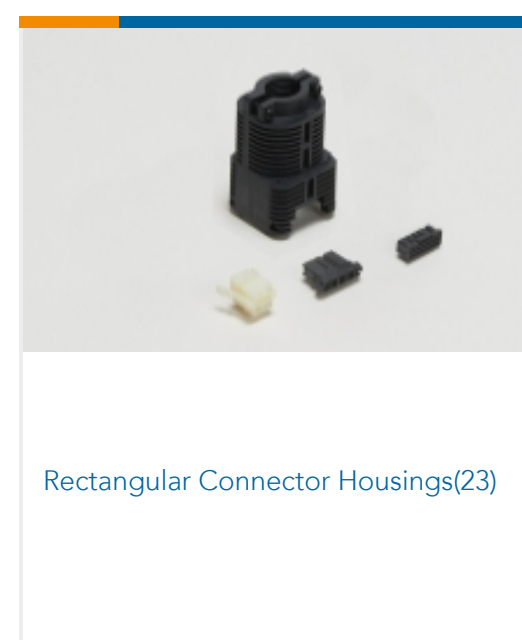
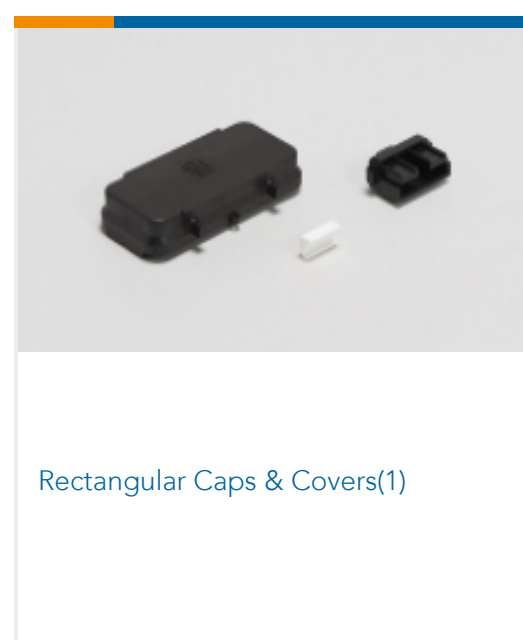
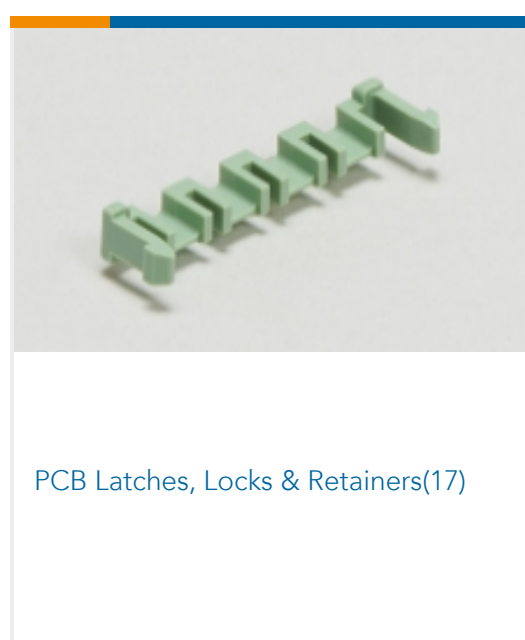
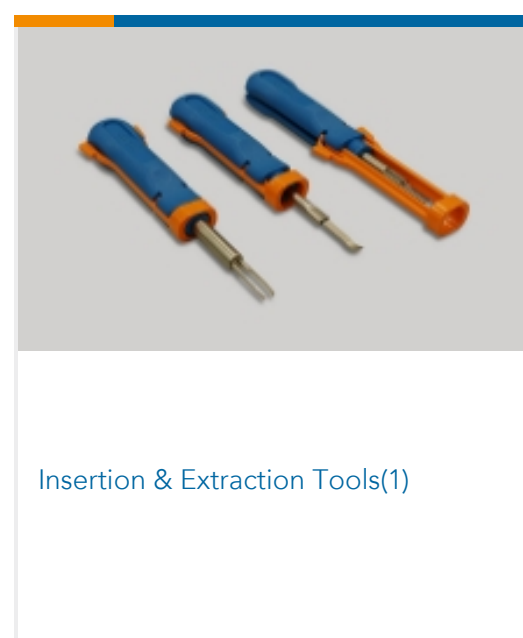
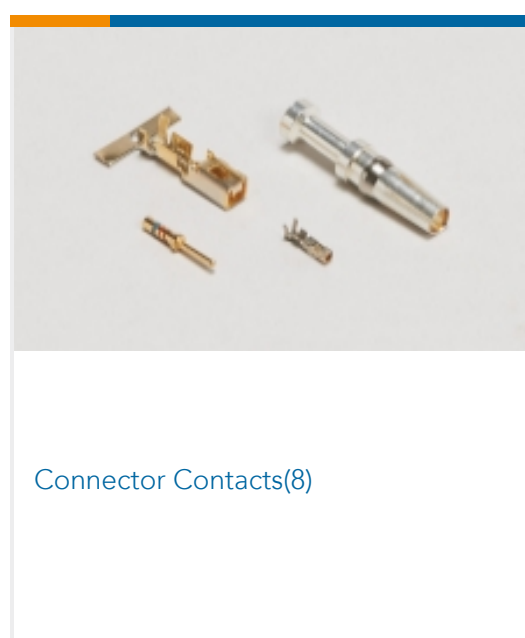
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 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>

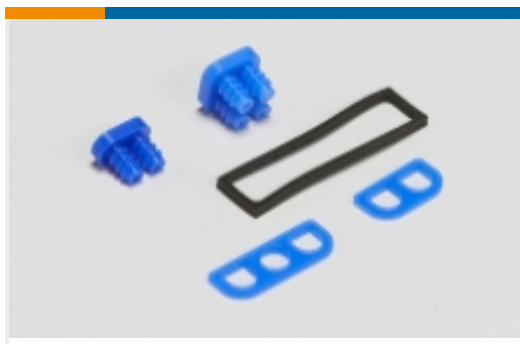
Compatible Parts

 TE Part # 316090-1 2.5 SIGNAL D/LOCK CAP HSG 6P	 TE Part # CAT-SI261-R2435 Signal Double Lock Receptacle	 TE Part # 6318372-1 SMARTEC CONN. H HDR ASSY	 TE Part # 316225-1 2.5 S.D.L HI-PRO V 6P ON/TAPE
 TE Part # 917784-1 2.5 S.D.L POST HDR ASY 6P STD	 TE Part # 6318369-1 SMARTEC CONN. V HDR ASSY ON TA	 TE Part # 917898-1 2.5 S.D.L STD V 6P HDR ON/TAPE	 TE Part # 917726-1 2.5 S.D.L. P/HDR ASY 6P H/PRO.



Also in the Series | AMP Signal Double Lock





Rectangular Connector Seals(10)



Rectangular Power Connectors(3)



Standard Rectangular Connectors(1)



Wire-to-Board Connector Assemblies & Housings(74)



Wire-to-Board Connector Contacts(6)

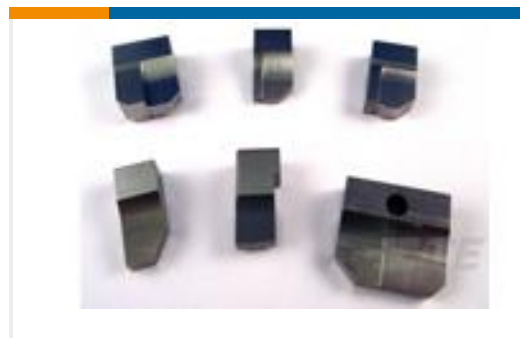
Customers Also Bought



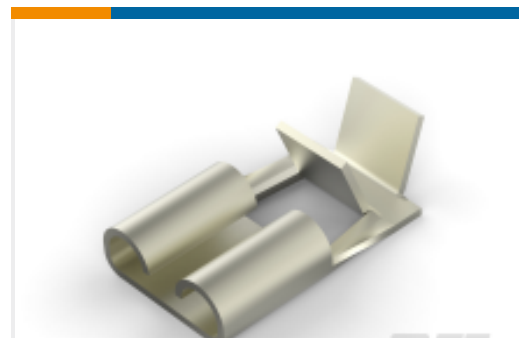
TE Part #1969104-1
ULTRA POD: Straight, Receptacle Assembly, Unplated, .250 inch



TE Part #1-521253-3
PL MKIII & FASTON 250 HSG 2P NYLON GREEN



TE Part #1-853088-0
ANVIL



TE Part #1217972-2
250 FASTON, FLAG, REC., 18-14 AWG, NPST



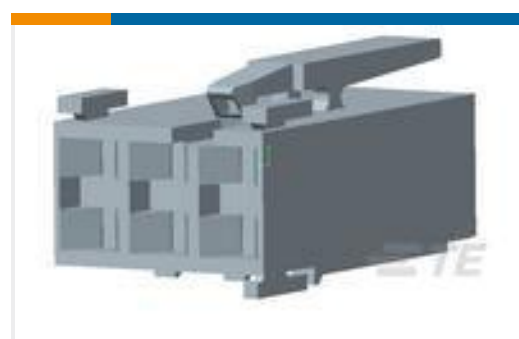
TE Part #1385719-1
UP.250 STRAIGHT SA110F220F LM



TE Part #1852646-1
EFHBPO200TABLOCK.2100 LM/G



TE Part #1855118-1
U POD .187 STRAIGHT SAPR090F140F LM & G



TE Part #2-1241817-3
STD TIM HOUSING MKII 3POS

Documents

Product Drawings

[2.5 S.D.L PLUG HSG 6P BLUE](#)

English

CAD Files

[3D PDF](#)

[3D](#)

[Customer View Model](#)

[ENG_CVM_CVM_917690-6_N.2d_dxf.zip](#)



English

Customer View Model

[ENG_CVM_CVM_917690-6_N.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_917690-6_N.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[SOFT_SHELL_PIN_AND_SOCKET_CONNECTORS_CATALOG](#)

English

[1773458-3_2.5MM_SIGNAL_DOUBLE_LOCK_CONNECTORS](#)

English