

827229-1 ✓ ACTIVE



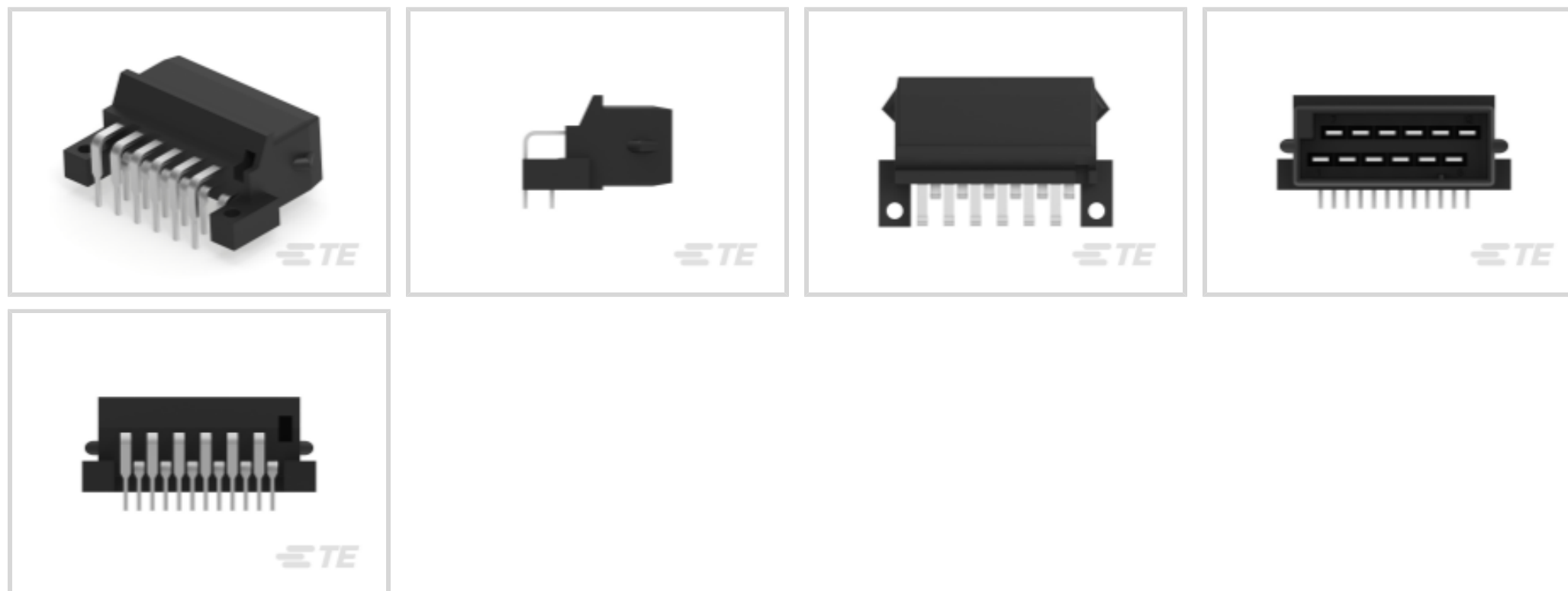
Timer Connector System

TE Internal #: 827229-1

PCB Mount Header, Horizontal, Wire-to-Board, 12 Position, 5 mm [.197 in] Centerline, Fully Shrouded, Tin, Timer Connector System

[View on TE.com >](#)

Connectors > PCB Connectors > PCB Headers & Receptacles > Low & Medium Power Header



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

Number of Positions: **12**

Centerline (Pitch): **5 mm [.197 in]**

Sealable: **No**

PCB Mount Orientation: **Horizontal**

[All Low & Medium Power Header \(143\)](#)

Features

Product Type Features

Mixed & Hybrid Header	No
Connector Shape	Rectangular
PCB Connector Assembly Type	PCB Mount Header
Header Type	Fully Shrouded
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Signal Positions	12
Number of Positions	12
PCB Mount Orientation	Horizontal
Number of Rows	2

Body Features



Primary Product Color	Black
-----------------------	-------

Contact Features

Contact Size	3mm
--------------	-----

Contact Type	Tab
--------------	-----

Mating Tab Width	3 mm[.118 in]
------------------	---------------

Mating Tab Thickness	.8 mm[.031 in]
----------------------	----------------

Contact Mating Area Plating Material	Tin
--------------------------------------	-----

Termination Features

Termination Method to Printed Circuit Board	Through Hole - Solder
---	-----------------------

Mechanical Attachment

Mounting Holes	With
----------------	------

Mating Alignment	With
------------------	------

PCB Mount Alignment	Without
---------------------	---------

Panel Mount Feature	Without
---------------------	---------

PCB Mount Retention	With
---------------------	------

PCB Mount Retention Type	Solder Tail
--------------------------	-------------

Housing Features

Centerline (Pitch)	5 mm[.197 in]
--------------------	---------------

Dimensions

Connector Length	43.8 mm[1.724 in]
------------------	-------------------

Connector Width	28 mm[1.102 in]
-----------------	-----------------

Profile Height from PCB	17.7 mm[.697 in]
-------------------------	------------------

Operation/Application

Shielded	No
----------	----

Circuit Application	Signal
---------------------	--------

Packaging Features

Packaging Type	Tray
----------------	------

Packaging Quantity	360
--------------------	-----

Other

Interface Number	827603
------------------	--------

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: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
Solder Process Capability	Not applicable for solder process capability

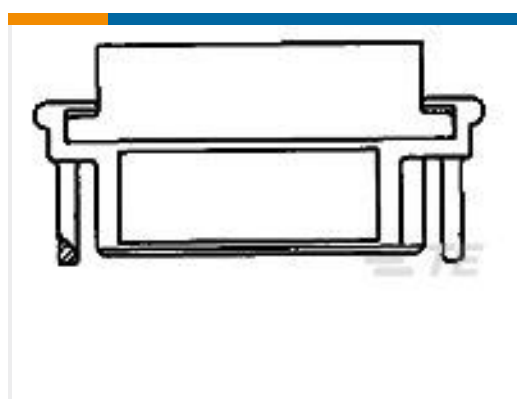
Product Compliance Disclaimer

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 # CAT-T4827-CH8172
Timer Connector Housing

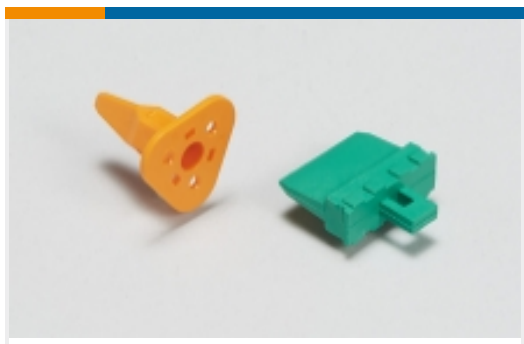


TE Part # 6-827603-6
12P JUNIOR-TIMER GH

Also in the Series | [Timer Connector System](#)



Automotive Connector Caps & Covers (10)



Automotive Connector Locks & Position Assurance(15)



Automotive Housings(210)



Automotive Terminals(137)



Connector Seals & Cavity Plugs(31)



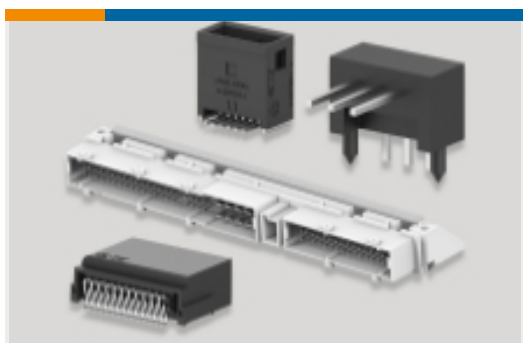
Crimp Terminal Housings(13)



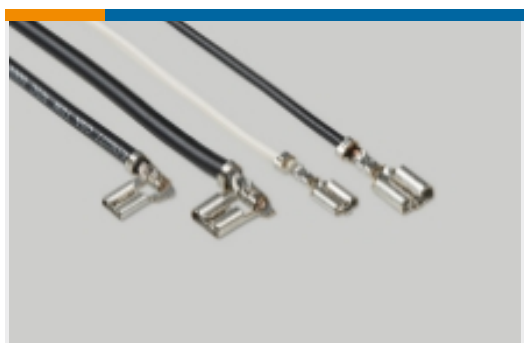
Insertion & Extraction Tools(18)



Other Automotive Connector Accessories(1)

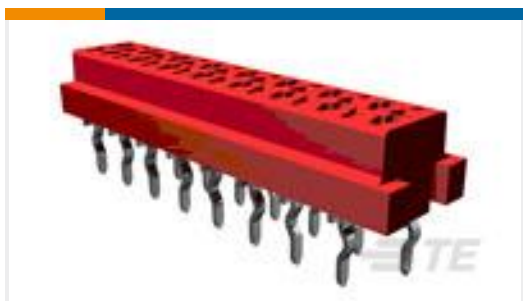


PCB Headers & Receptacles(77)



Quick Disconnects(4)

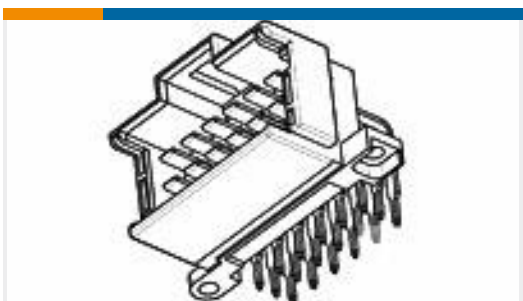
Customers Also Bought



TE Part #8-215079-0
MICRO-MATCH FOB.10P



TE Part #1-963215-1
16P STIFTWANNE 3MM



TE Part #9-966140-6
MESSERLEISTE 21P



TE Part #6-104363-1
12 MTE HDR SRST LATCH .100CL



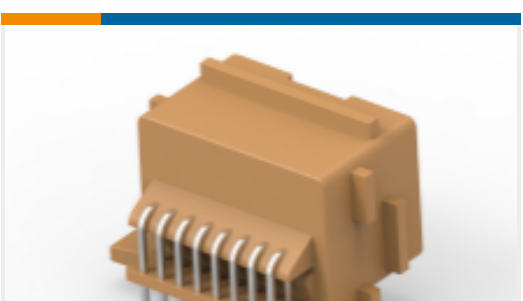
TE Part #1981568-1
MICRO USB, TYPE B,



TE Part #2-963964-7
MQS STIFTE MAGZ



TE Part #1801434-2
Signal Header



TE Part #966870-2
16POS,TAB0.63X0.63,HDR ASSY,90 DEG,COD A



Documents

Product Drawings

12-P MINI-TIMER

English

CAD Files

3D PDF

English

Customer View Model

[ENG_CVM_827229-1_C1.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_827229-1_C1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_827229-1_C1.3d_stp.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_827229-1_C.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_827229-1_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_827229-1_C.3d_stp.zip](#)

English

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