

165085-1 ✓ ACTIVE

PLASTI-GRIP

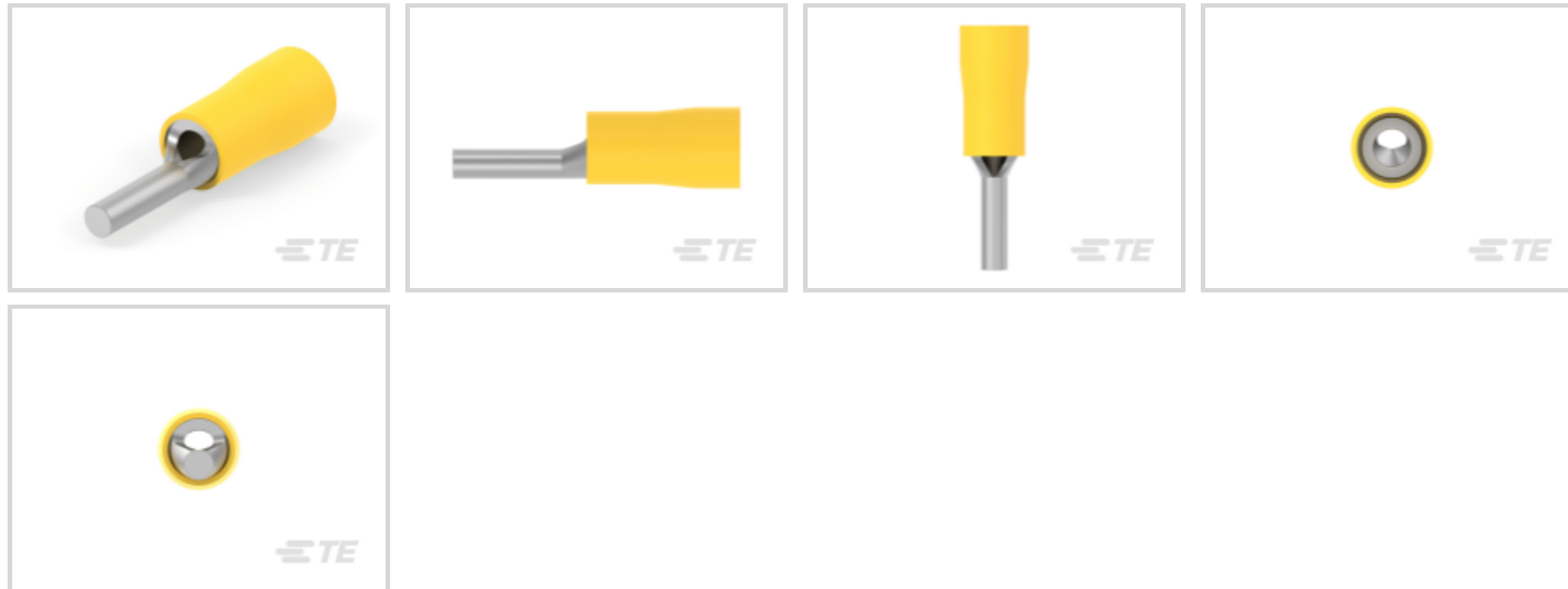
TE Internal #: 165085-1

Crimp Wire Pins, Tabs & Ferrules, Wire Pin, 12 – 10 AWG Wire Size,
2.62 – 6.64 mm² Wire Size, 5180 – 13100 CMA Wire Size, Closed,
PLASTI-GRIP

[View on TE.com >](#)



Terminals & Splices > Crimp Wire Pins, Tabs & Ferrules



Crimp Wire Terminal Type: **Wire Pin**

Compatible Insulation Diameter Range: **3.81 – 6.35 mm, 6.4 mm [.15 – .25 in, .251 in]**

Wire Size: **5180 – 13100 CMA**

Features

Product Type Features

Sealable	No
Compatible With Discrete Wire Type	Stranded
Wire Insulation Support Retention Type	Insulation Support

Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
-----------------------------------	---------------

Body Features

Sleeve Material	PVC
Insulation Material	PVC
Primary Product Color	Yellow

Contact Features

Contact Mating Area Length	9.9 mm[.39 in]
Contact Fabrication	Stamped & Formed
Crimp Wire Terminal Type	Wire Pin
Barrel Type	Closed
Terminal Plating Material	Tin



Contact Shape & Form	Round
----------------------	-------

Terminal Orientation	Straight
----------------------	----------

Mechanical Attachment

Wire Insulation Support	With
-------------------------	------

Dimensions

Compatible Insulation Diameter Range	3.81 – 6.35 mm, 6.4 mm [.15 – .25 in] [.251 in]
--------------------------------------	---

Wire Size	5180 – 13100 CMA
-----------	------------------

Terminal Material Thickness	.99 mm [.039 in]
-----------------------------	------------------

Overall Product Length	29.4 mm [1.158 in]
------------------------	--------------------

Usage Conditions

Insulation Option	Partially Insulated
-------------------	---------------------

Operating Temperature Range	0 – 105 °C [0 – 221 °F]
-----------------------------	-------------------------

Packaging Features

Packaging Quantity	500
--------------------	-----

Packaging Method	Loose Piece
------------------	-------------

Other

Terminals & Splices Comment	For AMP Italia production only.
-----------------------------	---------------------------------

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	Not Low Halogen - contains Br or Cl > 900 ppm.
-----------------	--

Solder Process Capability	Not reviewed 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 # 59824-1
 TETRA-CRIMP PIDG PG FASTON 22-10 ASSY



TE Part # 59239-4
 HHHT PIDG PG 12-10 ASSY



TE Part # 58423-1
 DIE, RBY IS9252



TE Part # 58433-3
 PRO CR ASSY, RBY IS9252



TE Part # 539691-2
 ERGO DIE R.B.Y



TE Part # 2063030-1
 SDE DIESET, RBY, UL



TE Part # 47808-6
 DIES PIDG 12-10 DIE SET



TE Part # 679300-1
 1210 PIDG CRIMP HEAD



TE Part # 169400
 CERTI-LOK FRAME W/O DIES



TE Part # 1-59239-4
 HHHT PIDG 16-10 HEAD



TE Part # 1SET191001R0000
 CRIMP-HT



TE Part # 1SET191002R0000
 TET CRIMP-HT



TE Part # 169404
 CERTI-LOK DIE

Also in the Series | **PLASTI-GRIP**



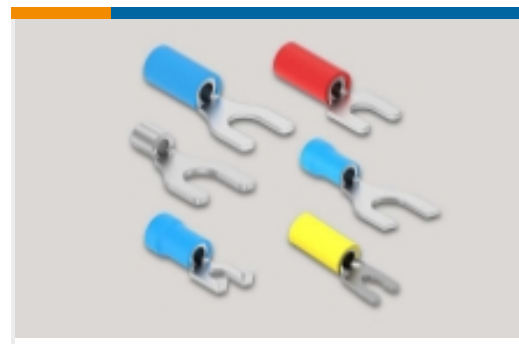
Compression Connectors(3)



Crimp Wire Pins, Tabs & Ferrules(25)



Ring Terminals(333)



Spade Terminals(198)



Splices(50)

Customers Also Bought



TE Part #211771-1
 23-19 CPC RECEPT, STND SEX



TE Part #165514-1
 TERM, WIRE PIN, PIDG, 26-22



TE Part #1564411-5
 SLIDE,TAB HSG GROUP E



TE Part #324543
 TAB,PIDG 12-10



TE Part #131445
 PG, WIRE TAB, 12-10



TE Part #2-34855-1
 TERMINAL,PG R 12-10 1/4



TE Part #EG41020001
 ES-CAP-NO.2-B9-0-30MM



TE Part #1-2834067-2
 SOCKET CONTACT,MINIATURE
 WATERPROOF CONN



TE Part #2355443-2
 RJ45 CAT5e PANEL MOUNT SOCKET
 (PBT)



TE Part #DTS24W13-04SN
 RECP ASSY

Documents



Product Drawings

PG WIRE PIN YELLOW

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_165085-1_M.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_165085-1_M.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_165085-1_M.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

PLASTI GRIP_QRG

English

RADIATION_RESISTANT_PRE-INSULATED_TERMINALS_SPLICES

English

Product Specifications

Application Specification

English