



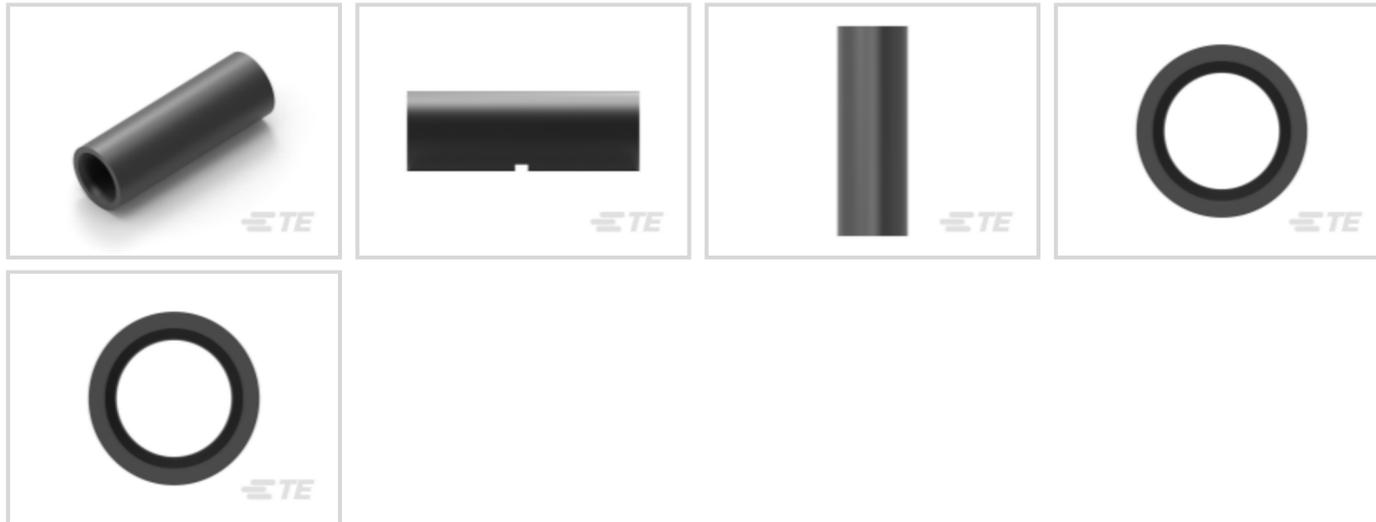
SOLISTRAND

TE Internal #: 34322

Splices, 6 AWG Wire Size, 10.5 – 16.8 mm<sup>2</sup> Wire Size, .232 in [5.89 mm] Barrel Inside Diameter, 20800 – 33100 CMA Wire Size, Copper, Butt Splice Splice

[View on TE.com >](#)

Terminals & Splices > Splices



Wire Size: 20800 – 33100 CMA

Sealable: No

Barrel Inside Diameter: 5.89 mm [ .232 in ]

Features

Product Type Features

Splice Accessory Type	Splice
Sealable	No
Splice Type	Butt Splice
Serrated	No
Compatible With Discrete Wire Type	Solid, Stranded
Wire Insulation Support Retention Type	Non-Insulation Support

Configuration Features

Number of Serrations	34
Compatible With Wire & Cable Type	Discrete Wire

Body Features

Weight per Piece	7.706 g
Plating Material	Tin
Primary Product Material	Copper

Contact Features

	100 μin
--	---------



Contact Plating Material	Tin
--------------------------	-----

Barrel Type	Closed
-------------	--------

### Mechanical Attachment

Wire Insulation Support	Without
-------------------------	---------

### Dimensions

Outside Diameter	9.37 mm[.369 in]
------------------	------------------

Wire Size	20800 – 33100 CMA
-----------	-------------------

Barrel Inside Diameter	5.89 mm[.232 in]
------------------------	------------------

Terminal Material Thickness	1.45 mm[.057 in]
-----------------------------	------------------

Overall Product Length	25.78 mm[1.015 in]
------------------------	--------------------

### Usage Conditions

Insulation Option	Uninsulated
-------------------	-------------

Operating Temperature Range	170 °C[338 °F]
-----------------------------	----------------

### Operation/Application

Heavy Duty	No
------------	----

Compatible With Wire Base Material	Copper
------------------------------------	--------

### Industry Standards

Government Qualified Splice	No
-----------------------------	----

### Packaging Features

Packaging Quantity	100
--------------------	-----

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

### Other

Military Category	No
-------------------	----

## 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 2022 (224) Candidate List Declared Against: JUNE 2022 (224)
--	--

Does not contain REACH SVHC

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 # 1490414-2  
HYP10 SOLIS HD 6-4AWG INDENTER



TE Part # 601075  
BANTAM ROTA-CRIMP TOOL



TE Part # 69217  
HYP8/10 SOLIS 6AWG DIE SET



TE Part # 48127  
HYP8 SOLIS 6-2AWG INDENTER



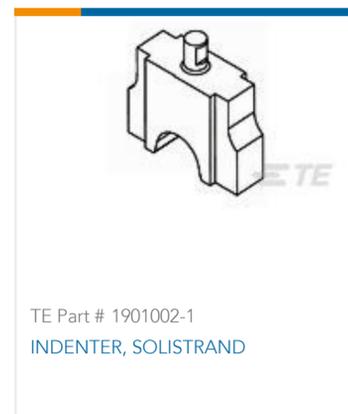
TE Part # 1490413-2  
HYP10 SOLIS HD 8AWG NEST



TE Part # 600850  
ROTO-CRIMP TOOL (ASI)



TE Part # 1901000-1  
NEST #6



TE Part # 1901002-1  
INDENTER, SOLISTRAND



TE Part # 48128  
HYP8 SOLIS 6AWG NEST



TE Part # 68136  
PNEU HT SOLIS 6 ASSY



## Documents

### Product Drawings

#### [SPLICE,SOLIS BUTT 6](#)

English

### CAD Files

#### Customer View Model

#### [ENG\\_CVM\\_CVM\\_34322\\_F.2d\\_dxf.zip](#)

English

#### 3D PDF

3D

#### Customer View Model

#### [ENG\\_CVM\\_CVM\\_34322\\_F.3d\\_igs.zip](#)

English

#### Customer View Model

#### [ENG\\_CVM\\_CVM\\_34322\\_F.3d\\_stp.zip](#)

English

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

### Product Environmental Compliance

#### [MD\\_34322\\_073120142353\\_dmtec](#)

English

#### [MD\\_34322\\_073120142353\\_dmtec](#)

English

### Agency Approvals

#### [UL Report](#)

English

#### [UL Report](#)

English