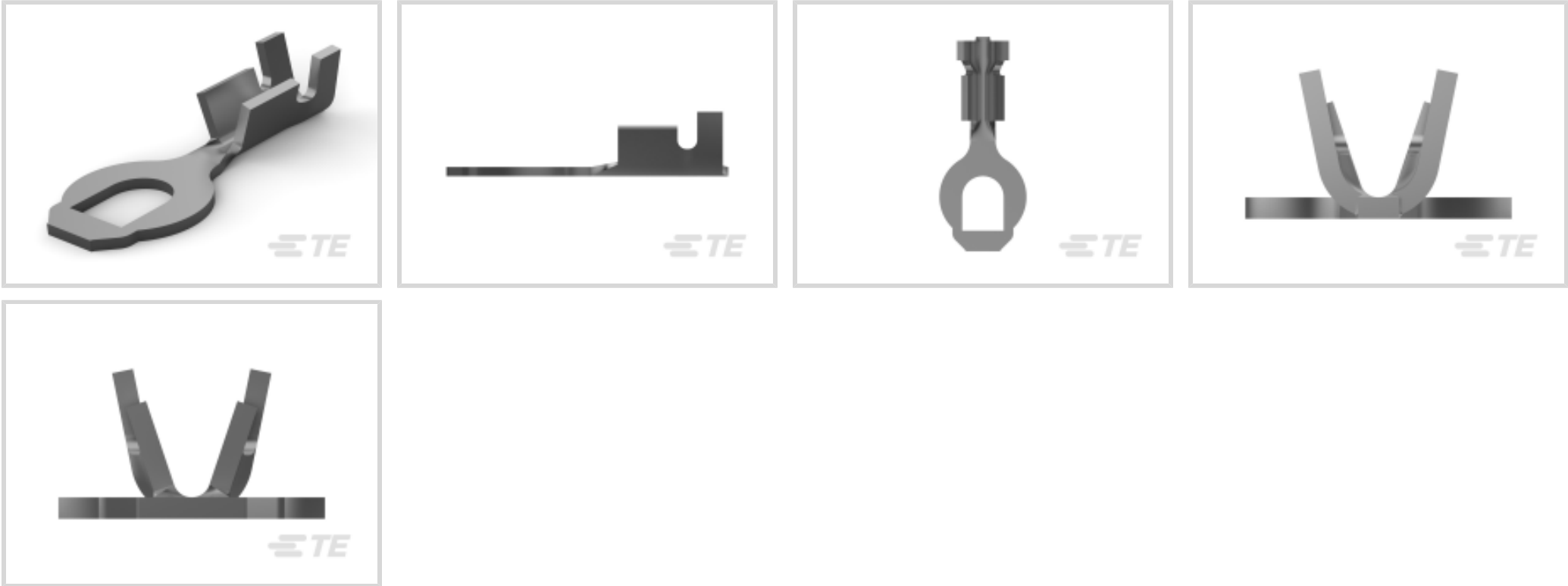




TE Internal #: 61238-1
Spade Tongue Terminal, 24 – 20 AWG, #4 / M2.5 Stud, 2.84 mm [.112 in] Stud Diameter, Open Barrel, Straight, Tin Plating, Uninsulated
[View on TE.com >](#)

Terminals & Splices > Spade Terminals



Spade Terminal Type: **Spade Tongue Terminal**
Wire Size: **404 – 1021 CMA**
Stud Size: **#4, M2.5**

Features

Product Type Features

Shape Description	Round Spade
Stud Size	#4, M2.5
Sealable	No
Compatible With Discrete Wire Type	Stranded
Wire Insulation Support Retention Type	Insulation Support

Contact Features

Contact Base Material	Brass
Spade Terminal Type	Spade Tongue Terminal
Barrel Type	Open
Terminal Orientation	Straight
Terminal Plating Material	Tin
Contact Underplating Material	Nickel

Mechanical Attachment

Wire Insulation Support	With
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Dimensions

	.075 in
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Wire Size	404 – 1021 CMA
Stud Diameter	2.84 mm[.112 in]
Tongue Thickness	.51 mm[.02 in]
Product Length	13.72 mm[.54 in]
Barrel Inside Diameter	.89 mm, 1.9 mm[.035 in][.075 in]
Compatible Insulation Diameter (Max)	2.54 mm[.1 in]
Compatible Insulation Diameter Range	1.9 – 2.54 mm[.075 – .1 in]

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature Range	-40 – 110 °C[-40 – 230 °F]

Operation/Application

Compatible With Wire Base Material	Copper
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Industry Standards

Government Qualified Terminal	No
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Packaging Features

Packaging Quantity	10000
Packaging Method	Strip/Reel

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 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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

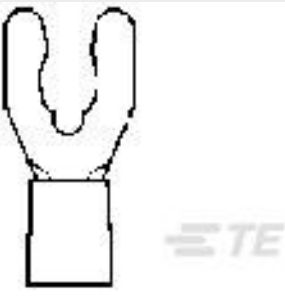
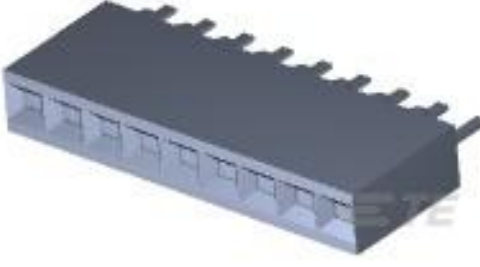
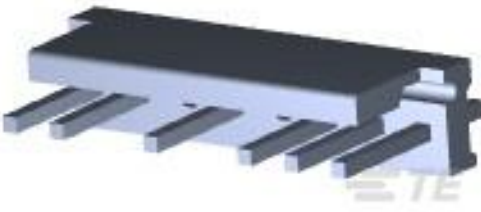


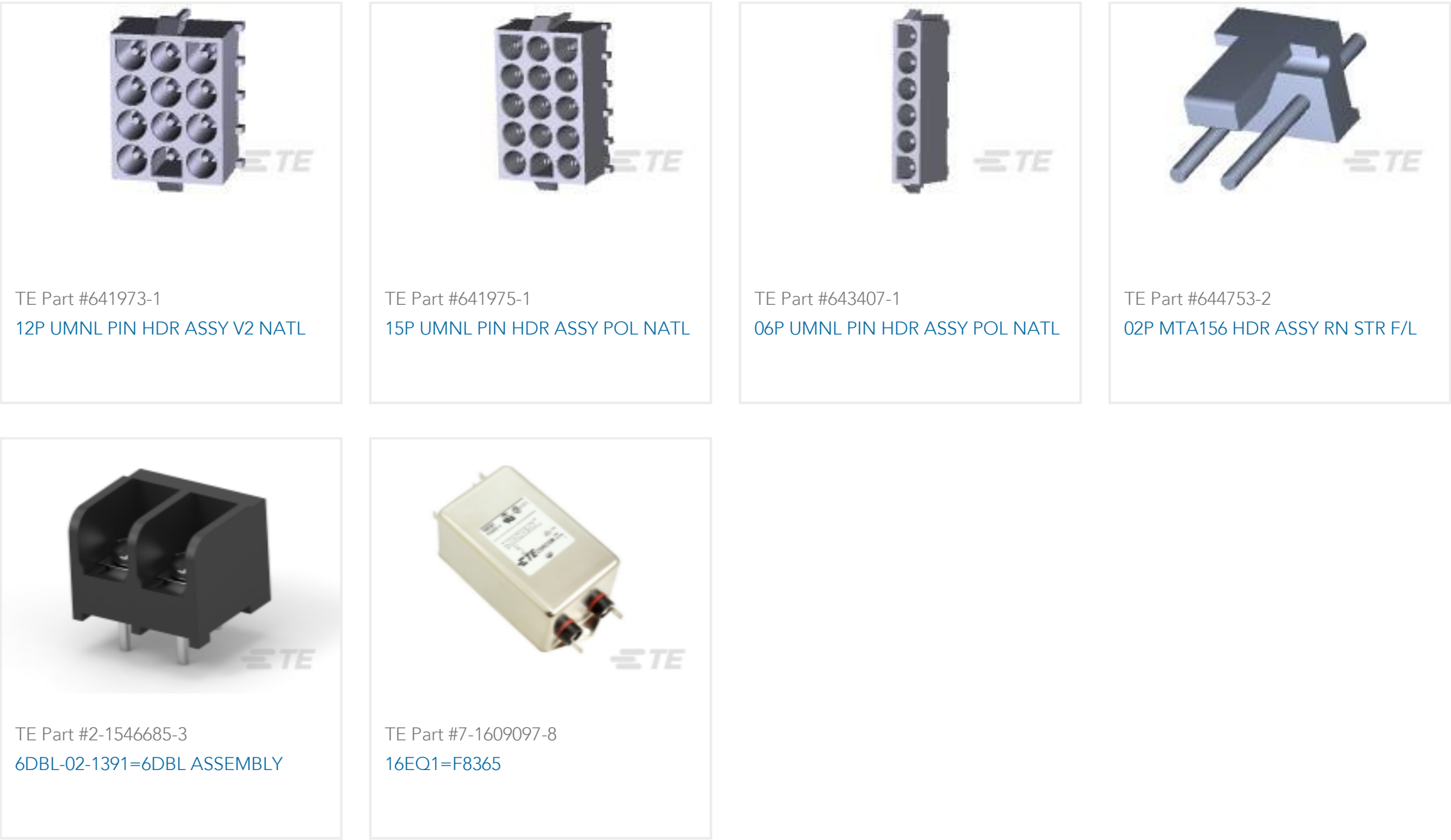
EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical 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 # 42168-2 SPRING SPADE TERMINAL 18-14 AWG TPBR	 TE Part # 41579 RING IS 24-20 4 .020TPBR	 TE Part # 63721-1 RING 24-20 AWG TPBR	 TE Part # 40808 SPADE TERMINAL 18-14 AWG TPBR
 TE Part # 41581 RT .171 DIA TERMINAL 24-20 AWG TPBR	 TE Part # 41580 RING TERMINAL 24-20 AWG TPBR	 TE Part # 42164-2 RING TERMINAL 24-20 AWG TPBR	 TE Part # 1217160-1 OPEN BARREL RING PHOS BRZ
 TE Part # 41589 SPADE TERMINAL 24-20 AWG TPBR	 TE Part # 63797-1 RING 22-18 AWG TPBR		

Customers Also Bought

 TE Part #52951-1 PG SPR SPD 22-16COM22-18MIL 10	 TE Part #53244-2 TERMINAL,PG SPR SPD 16-14 8	 TE Part #535541-7 09 MODIV VRT SR CE 100/115	 TE Part #641922-6 08P MTA156 HDR ASSY W/0#4,6
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Documents

Product Drawings

SPADE CRIMP 24-20 AWG TPBR

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_61238-1_D_c-61238-1-d.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_61238-1_D_c-61238-1-d.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_61238-1_D_c-61238-1-d.3d_stp.zip

English

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

Product Specifications

Engineering Report

English

Agency Approvals

UL Report

English