



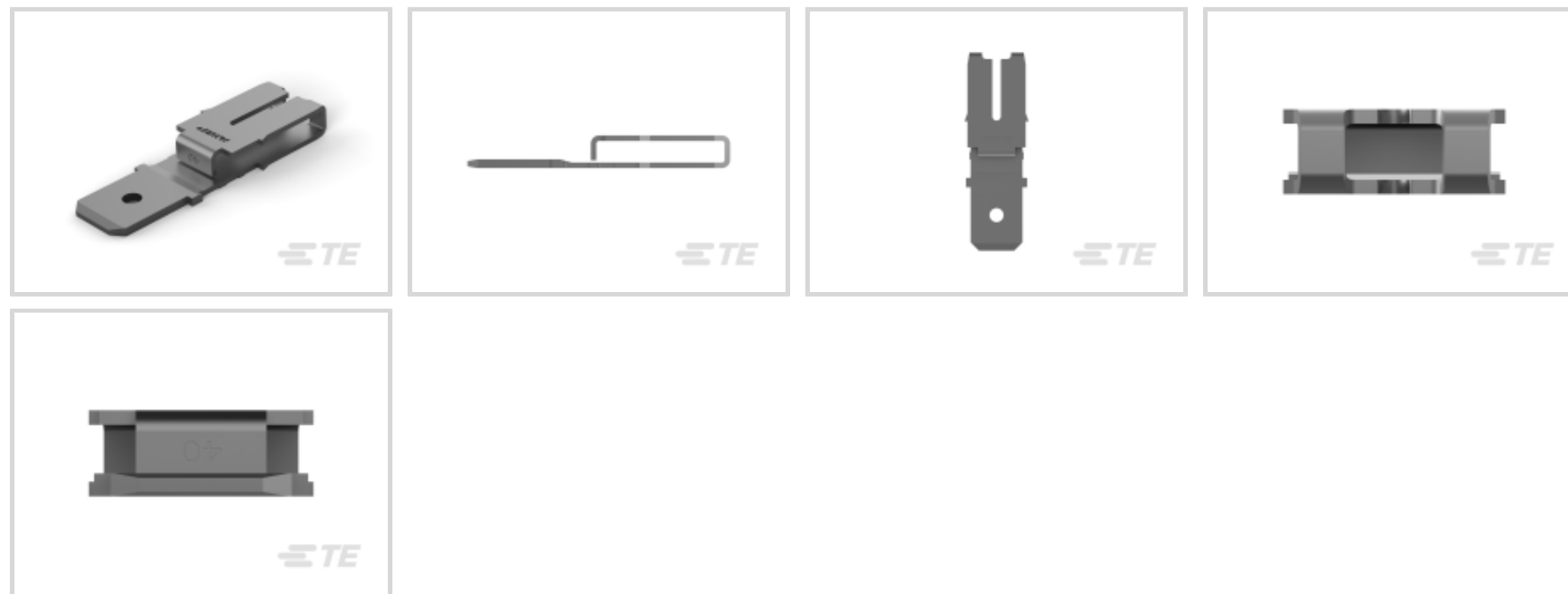
**MAG-MATE**

TE Internal #: 63459-2

MAG-MATE, Magnet Wire Terminals, Tab, Tab, Magnet Wire Terminal Mating Tab Width 6.35 mm [.25 in]

[View on TE.com >](#)

Terminals & Splices > Magnet Wire Terminals



Terminal & Splice Type: **Tab**

Magnet Wire Terminal Terminal Type: **Tab**

Magnet Wire Terminal Mating Tab Width: **6.35 mm [.25 in]**

Magnet Wire Terminal Mating Tab Thickness: **.8 mm [.032 in]**

Terminal Height: **12.83 mm [.505 in]**

**Features**

**Product Type Features**

Magnet Wire Terminal Wire/Cable Type	Magnet Wire
--------------------------------------	-------------

**Body Features**

Body Shape	Wide
Cavity Size	Size 4
Magnet Wire Terminal Plating Material	Tin

**Contact Features**

Terminal & Splice Type	Tab
Magnet Wire Terminal Terminal Type	Tab
Magnet Wire Terminal Terminal Orientation	Straight

**Termination Features**

Magnet Wire Terminal Termination Method	IDC Standard
---	--------------

**Mechanical Attachment**

Magnet Wire Terminal Mating Retention Type	Hole
--	------

**Dimensions**



Magnet Wire Terminal Mating Tab Width	6.35 mm [.25 in]
Magnet Wire Terminal Mating Tab Thickness	.8 mm [.032 in]
Terminal Height	12.83 mm [.505 in]
Aluminum Wire Size	1.45 – 1.63 mm
Magnet Wire Size	16 – 15 AWG
Magnet Wire Terminal Material Thickness	.8 mm [.032 in]
Stock Thickness (Magnet Wire Side)	.51 mm [.02 in]
Magnet Wire Terminal Overall Length	24.18 mm [.952 in]

### Usage Conditions

Insulation Requirement	Uninsulated
------------------------	-------------

### Identification Marking

Identification Number	40
-----------------------	----

### Packaging Features

Packaging Quantity	5000
Magnet Wire Terminal Packaging Method	Reel, Reel/Carton

### Other

Comment	After insertion into plastic cavity, tab portion can not be bent over. The body is potted in only., Two magnet wires may be terminated in the same terminal slot if diameters are equal.
---------	--

### 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: JAN 2021 (211) Candidate List Declared Against: JAN 2021 (211) 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

Also in the Series | **MAG-MATE**



Insertion &amp; Extraction Tools(8)



Magnet Wire Terminals(468)



PCB Terminals(1)

## Customers Also Bought



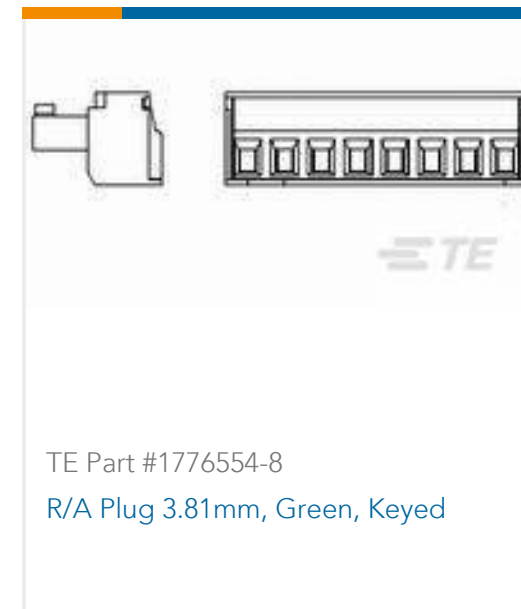
TE Part #2-2319764-0  
E STACK PIANO 10P G SHORT TUBE  
PD OFF



TE Part #1217355-1  
MAG-MATE TERM 16-15 0157 TPNBR



TE Part #1217824-1  
TERM,POKE-IN,MAG-MATE



TE Part #1776554-8  
R/A Plug 3.81mm, Green, Keyed



TE Part #1217967-1  
SPLICE 8500-14000 .025 BR



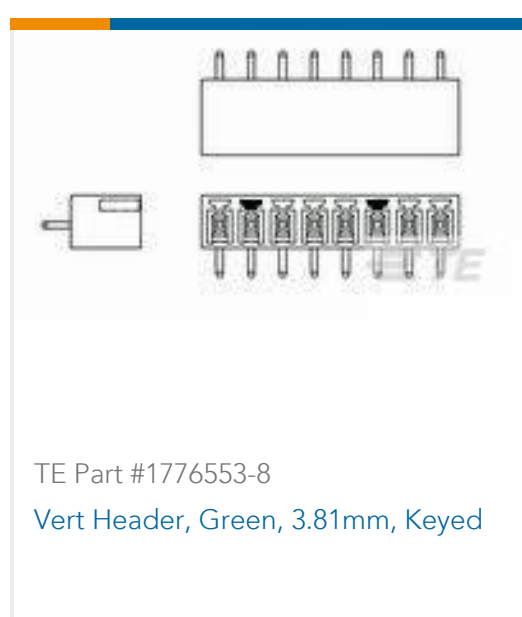
TE Part #170381-1  
PL .312 REC AV 0.5-2 MM2 PRE-TPBR



TE Part #1599986-1  
MAG MATE POKE-IN DUAL TAB



TE Part #2-171825-2  
V-TYPE E.I.S.CONN. 2P ASSY



TE Part #1776553-8  
Vert Header, Green, 3.81mm, Keyed



TE Part #796694-7  
7 POS TERMI-BLOK HDR DIR. POL.

## Documents

### Product Drawings

[MAG-MATE 250 F-TAB 15-16 TPBR](#)

English

[MAG-MATE 250 F-TAB 15-16 TPBR](#)

Japanese

### CAD Files

[3D PDF](#)

[3D](#)



**Customer View Model**

[ENG\\_CVM\\_CVM\\_63459-2\\_Z.2d\\_dxf.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_63459-2\\_Z.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_63459-2\\_Z.3d\\_stp.zip](#)

English

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

---

**Datasheets & Catalog Pages**

[Magnet Wire Terminals & Splices](#)

English

---

**Product Specifications**

[Application Specification](#)

English

---

**Product Environmental Compliance**

[MD\\_63459-2\\_11302015145\\_dmtec](#)

English

[MD\\_63459-2\\_11302015145\\_dmtec](#)

English

---

**Instruction Sheets**

[Instruction Sheet \(non U.S.\)](#)

Japanese

---

**Agency Approvals**

[UL Report](#)

English