

1544425-1 ✓ ACTIVE

Macro Sensors PR

TE Internal #: 1544425-1

Leadframes, Single-In-Line (SIL), Board-to-Board, .1 in [2.54 mm]

Centerline, Pre-Tin, Printed Circuit Board, Board Mount, Macro

Sensors PR

[View on TE.com >](#)



Connectors > PCB Connectors > Card Edge Connectors > Leadframes



Leadframe Type: **Single-In-Line (SIL)**

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

Centerline (Pitch): **2.54 mm [ .1 in ]**

PCB Thickness (Accepted): **.63 mm [ .025 in ]**

Standoff Height: **1 mm [ .039 in ]**

### Features

#### Product Type Features

Leadframe Type	Single-In-Line (SIL)
Connector System	Board-to-Board
Connector & Contact Terminates To	Printed Circuit Board

#### Configuration Features

Winding Direction	Down
Solder Inlay	Without

#### Body Features

Leadframe Clip Type	Y1
Leadframe Width	18.1 mm[.712 in]
Leadframe Thickness	.25 mm[.01 in]
Leadframe Clip Length	1.7 mm[.067 in]
Leadframe Hold-Down Feature	Without

#### Contact Features

Leadframe Pin Length	9.5 mm[.374 in]
Contact Base Material	Phosphor Bronze
Leadframe Plating Material	Pre-Tin

#### Termination Features

Termination Method to Printed Circuit Board	Through Hole - Solder
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### Mechanical Attachment

Connector Mounting Type	Board Mount
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### Housing Features

Centerline (Pitch)	2.54 mm[.1 in]
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### Dimensions

Leadframe Gap Size	.52 mm[.02 in]
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PCB Thickness (Accepted)	.63 mm[.025 in]
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Standoff Height	1 mm[.039 in]
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### Packaging Features

Packaging Quantity	40000
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## Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Not Yet Reviewed
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Wave solder capable to 265°C
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#### 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 # 1544210-2  
CTS 2180 ETAME



TE Part # 1544425-2  
CTS 254 BRONZE ETA



TE Part # 1544143-1  
CONTACTS DIL DOUBL



TE Part # 1544394-1  
CONTACT A SOUDER



TE Part # 1544445-1  
CTS 254 BRONZE PRE



TE Part # 1544296-1  
CONTACT A SOUDER



TE Part # 1544426-2  
CTS 1,27 BRONZE ET



TE Part # 1544146-1  
CONTACTS DIL BRONZ



TE Part # 1544222-2  
CTS 2,54 BRONZE ET



TE Part # 1544242-1  
CTS SIL 2487 PRE-E



TE Part # 1544256-1  
CONTACT A SOUDER



TE Part # 1544256-2  
CONTACT A SOUDER E



TE Part # 1544400-1  
CTS 2374 ETAME



TE Part # 1544118-1  
CTS 871 PRE-ETAME



TE Part # 1544191-2  
CTS 1,905 BRONZE E



TE Part # 1544301-2  
CONTACT A SOUDER



TE Part # 1544443-1  
CT DOUBLE INS G



TE Part # 1544119-2  
CTS 254 BRONZE ETA



TE Part # 1544146-2  
CONTACTS DIL BRONZ



TE Part # 1544146-3  
CONTACTS DIL DOUBL

Also in the Series | **Macro Sensors PR**



Curing Blocks, Ovens & Sleeves(1)



Expanded Beam Fiber Housings(5)



Expanded Beam Fiber Optics(21)



Leadframes(6)



Linear Position Sensors - LVDT/LVIT(15)

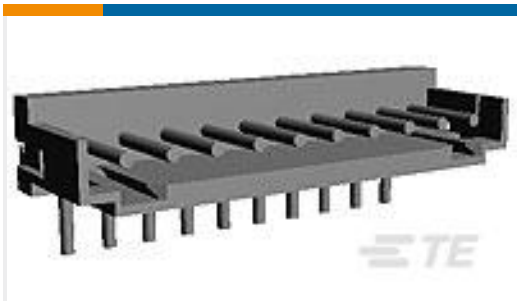
### Customers Also Bought



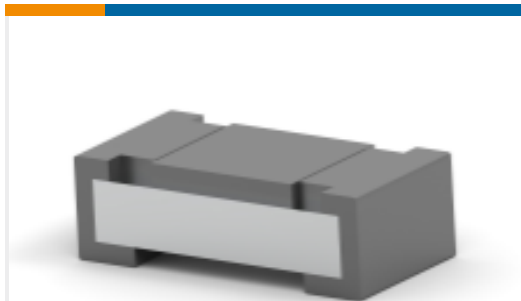
TE Part #2176230-8  
3522 3R3 5% 3W



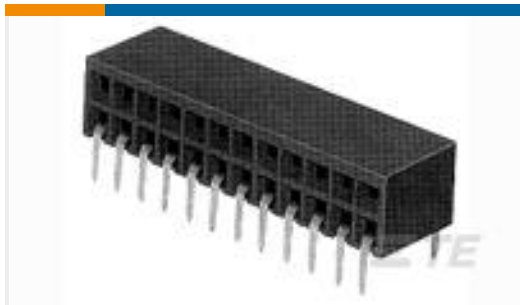
TE Part #8-338069-0  
MICRO-MATCH SMD FTE



TE Part #292253-8  
CT CONN MT HDR ASSY H 8P NAT



TE Part #4-2176057-4  
Thick Film Resistor: Current Sense



TE Part #216604-8  
2X 8P HV190FEDERLEI



TE Part #34107  
SOLIS R 22-16 COMM 22-18 MIL 6



TE Part #5-1393302-2  
V23134A0053G243-EV-CBOX



TE Part #2-1445086-2  
micro mnl hdr assy s/row au lf



TE Part #282501-000  
44A0311-24-0

### Documents



## Product Drawings

### CTS 254 BRONZE PRE

English

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## CAD Files

### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1544425-1\\_D\\_c-1544425-1-d.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1544425-1\\_D\\_c-1544425-1-d.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1544425-1\\_D\\_c-1544425-1-d.3d\\_stp.zip](#)

English

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