



Connectors > PCB Connectors > Card Edge Connectors > Leadframes



Leadframe Type: **Single-In-Line (SIL)**
Centerline (Pitch): **2.54 mm [.1 in]**
PCB Thickness (Accepted): **.63 mm [.025 in]**
Standoff Height: **1.7 mm [.067 in]**
Leadframe Hold-Down Feature: **Without**

Features

Product Type Features

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

Configuration Features

Winding Direction	Down
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Body Features

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

Contact Features

Contact Base Material	Phosphor Bronze
Leadframe Pin Length	8.8 mm[.346 in]
Leadframe Plating Material	Pre-Tin

Termination Features

Termination Method to PCB	Through Hole - Solder
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Mechanical Attachment

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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]
PCB Thickness (Accepted)	.63 mm[.025 in]
Standoff Height	1.7 mm[.067 in]

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
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 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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	Wave solder capable to 265°C

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 # 1544425-1
CTS 254 BRONZE PRE

Also in the Series | Macro Sensors PR



Expanded Beam Fiber Housings(5)



Expanded Beam Fiber Optics(14)



Leadframes(6)



LVDT Sensors(14)

Customers Also Bought



TE Part #1977066-1
FSMMSHP=R/A TACT SWITCH, SMT W/LOC. PEGS



TE Part #2337857-1
VERTICAL USB TYPE-C REC



TE Part #1571999-4
ADP02STR04=PIANO DIP SWITCH



TE Part #2170286-1
PRESS FIT 2X4 REDUCED PROFILE



TE Part #CAT-C73765-M1H
M12 Panel Mount PCB



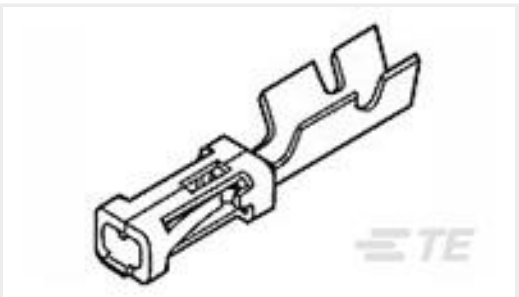
TE Part #1954289-2
Connector,Blade & Recept 4 Pos



TE Part #5352128-1
Z-PACK T-B MALE HEADER 154P



TE Part #535032-4
096 EURO TYPE C RECEPT AP ASSY



TE Part #1-87523-6
MOD IV RECP LP



Documents

Product Drawings

CTS 254 BRONZE PRE

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1544445-1_C_c-1544445-1-c.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1544445-1_C_c-1544445-1-c.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1544445-1_C_c-1544445-1-c.3d_stp.zip

English

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