



AMP

TE Internal #: 1738189-2

Rectangular Contact Inserts, Socket, Socket, 40, Board-to-Board, 40
Position, .1 in [2.52 mm] Centerline, Sealable, Printed Circuit Board,
3 A, Signal

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Connectors > Rectangular Connectors > Rectangular Contact Inserts

Rectangular Connector Insert Type: **Socket**Contact Type: **Socket**Contact Insert Pole Configuration: **40**Connector System: **Board-to-Board**Number of Positions: **40**

Features

Product Type Features

Product Type	Insert
Rectangular Connector Insert Type	Socket
Connector System	Board-to-Board
Sealable	Yes
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	40
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Body Features

Material	Thermoplastic
Module Material	Thermoplastic

Contact Features

Contact Type	Socket
Contact Insert Pole Configuration	40
Contact Current Rating (Max)	3 A

Mechanical Attachment

Connector Mounting Type	Board Mount
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Housing Features

Centerline (Pitch)	2.52 mm [.1 in]
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Usage Conditions

Operating Temperature Range	-65 – 125 °C [-85 – 257 °F]
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Operation/Application

Circuit Application	Signal
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Packaging Features

Packaging Method	Bag
Packaging Quantity	1

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: JAN 2019 (197) Does not contain REACH SVHC
Halogen Content	Not Yet Reviewed for halogen content
Solder Process Capability	Not reviewed 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>

Documents

Product Drawings

[GPRBN40SA](#)

English

Datasheets & Catalog Pages

[ARINC 600 Next Generation Receptacle Connector](#)

English