TSC-124D3H,000

OEG

TE Internal #: 5-1440007-3

TE Internal Description: TSC-124D3H,000

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Relays & Contactors > Electromechanical Relays



Relay & Contactor Type: **General Purpose Signal Relay**

Coil Magnetic System: **Monostable**

Contact Arrangement: **1 Form C SPDT-CO**

Current Type: **DC**

Contact Current Rating: **1 A**

Features

Product Type Features

Relay & Contactor Type	General Purpose Signal Relay

Configuration Features

Relay Options	Power Switching, RF Rated
Contact Number of Poles	1
Contact Arrangement	1 Form C SPDT-CO

Electrical Characteristics

Contact Limiting Short-Time Current	1 A
Contact Limiting Making Current	1 A
Contact Limiting Continuous Current	1 A
Contact Limiting Breaking Current	1 A
Insulation Initial Dielectric Between Open Contacts	400 Vrms
Contact Switching Voltage (Max)	120 VAC
Contact Switching Load (Min)	1mA @ 1V
Coil Resistance	1920 Ω
Insulation Initial Resistance	1000000 MΩ

Contact Current Rating	1 A
Coil Voltage Rating	24 VDC
Contact Voltage Rating	24 VDC
Coil Power Rating DC	.3 W
Insulation Initial Dielectric Between Contacts & Coil	1000 Vrms

Signal Characteristics

Isolation (HF Parameter)	-20.7dB @ 900MHz, -39dB @ 100MHz
Insertion Loss (HF Parameter)	-.02dB @ 100MHz, -.27dB @ 900MHz

Body Features

Product Weight	3 g[.1058 oz]
Enclosure Type	Flux Resistant Automatic Solder Capable & Washable

Contact Features

Contact Material	AgNi

Termination Features

Main Termination & Connection Type	Solder Pins
Coil Termination & Connection Type	Solder Pins

Mechanical Attachment

Product Mount Type	Board Mount

Dimensions

Insulation Clearance Between Contact & Coil	2 mm[.079 in]
Insulation Creepage Between Contact & Coil	1.5 mm[.059 in]
Product Width	7.4 mm[.29 in]
Product Length	12.3 mm[.484 in]
Product Height	9.9 mm[.389 in]

Usage Conditions

Operating Temperature Range	-30 – 80 °C[-22 – 176 °F]
Environmental Category of Protection	RTIII
Environmental Ambient Temperature (Max)	80 °C[176 °F]

Operation/Application

Solder Process	Wave Solder Capable
Coil Magnetic System	Monostable

Current Type	DC

Packaging Features

Packaging Method	Box & Tube

Other

Coil Power Rating Class	>.2 – ≤.3 W
Contact Current Class	≤2 A
Height Class (Mechanical)	>7 – ≤11 mm[>.276 – ≤.433 in]
Length Class (Mechanical)	>11 – ≤16 mm[>.433 – ≤.63 in]
Width Class (Mechanical)	>7 – ≤11 mm[>.276 – ≤.433 in]

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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JAN 2021 (211) Does not contain REACH SVHC
Halogen Content	Not Yet Reviewed for halogen content
Solder Process Capability	Wave solder capable to 265°C

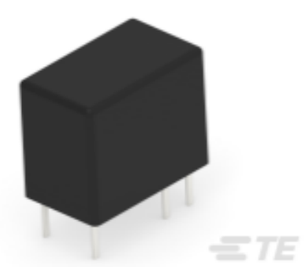
Product Compliance Disclaimer

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 # 2-1419130-7
TSC-124L3,000

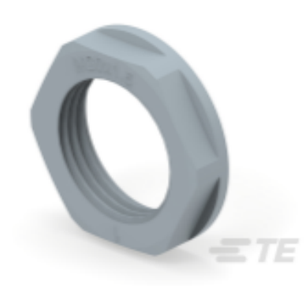


TE Part # 2-1419130-8
TSC-124L3H,000

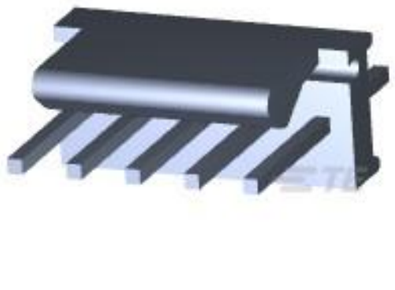
Customers Also Bought



TE Part #CONSMB007-G
SMB Plug 50 Ohm Cable Crimp



TE Part #1SNG607008R0000
EP-LN-M20-GR-A



TE Part #640456-5
05P MTA100 HDR ASSY F/L SQ STR



TE Part #1393240-7
RT314730



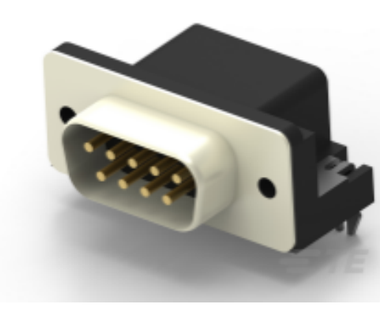
TE Part #5-1437657-7
8PCV-02-006=#8 TRIBARRIER TERM



TE Part #2-1437667-6
4DB-P108-04=4DB ASSEMBLY



TE Part #1761681-7
IDC LOW PRO HDR 20P VERT HT BLACK



TE Part #2301843-1
AMPL PLUG HD20, R/A, 9P, B/L,4-40 INS



TE Part #1437667-6
4DB-P107-02=4DB ASSEMBLY

TE Part #3-1419106-0
27E937=SOCKET,RK,8,PCB,THPLAS,B

Documents

CAD Files

3D PDF

3D

Customer View Model
ENG_CVM_CVM_5-1440007-3_C1.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_5-1440007-3_C1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5-1440007-3_C1.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Datasheets & Catalog Pages

TSC Series Relay Data Sheet -English

English

Product Specifications

Definitions General Purpose Relays

English

Agency Approvals

CQC_CERT_08001026046_C1

English