T9AP5D52-110 ✔ ACTIVE

Potter & Brumfield | Potter & Brumfield T9A

TE Internal #: 5-1419102-5

General Purpose Power Relay, DC, Monostable, 1 Form C SPDT-CO, 20 A Contact Rating, 110 VDC Coil Voltage, Potter & Brumfield T9A

View on TE.com >

Relays & Contactors > Electromechanical Relays > PCB Power Relay: 30 Amp, Monostable DC







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

Coil Magnetic System: **Monostable**

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

Current Type: **DC**

Contact Current Rating: **20 A**

All PCB Power Relay: 30 Amp, Monostable DC (57)

Features

Product Type Features

Relay & Contactor Type	General Purpose Power Relay

Configuration Features

Contact Number of Poles	1
Coil Special Features	UL Coil Insulation Class F
Contact Arrangement	1 Form C SPDT-CO

Electrical Characteristics

Contact Limiting Short-Time Current	20 A
Contact Limiting Making Current	20 A
Contact Limiting Continuous Current	20 A
Contact Limiting Breaking Current	20 A
Insulation Initial Dielectric Between Open Contacts	1500 Vrms
Insulation Initial Dielectric Between Adjacent Contacts	1500 Vrms

Coil Current	.009 A
Contact Switching Voltage (Max)	277 VAC
Contact Switching Load (Min)	1000mA @ 5V
Coil Resistance	12100 Ω
Insulation Initial Resistance	1000 MΩ
Contact Current Rating	20 A
Coil Voltage Rating	110 VDC
Contact Voltage Rating	277 VAC
Coil Power Rating DC	1 W
Insulation Initial Dielectric Between Contacts & Coil	2500 Vrms

Body Features

Product Weight	33 g[1.164 oz]
Primary Product Color	Black
Enclosure Type	Dust Protected

Contact Features

Contact Material	Silver Cadmium Oxide

Termination Features

Main Termination & Connection Type	Quick Connect Terminals
Coil Termination & Connection Type	Quick Connect Terminals

Mechanical Attachment

Product Mounting Feature Type	Flange with Mounting Slots
Product Mount Type	Panel Mount

Dimensions

Insulation Clearance Between Contact & Coil	3.18 mm[.125 in]
Insulation Creepage Between Contact & Coil	6.36 mm[.25 in]
Product Width	27.43 mm[1.08 in]
Product Length	50.29 mm[1.98 in]
Product Height	27.94 mm[1.1 in]

Usage Conditions

Operating Temperature Range	-55 – 85 °C[-67 – 185 °F]
Environmental Category of Protection	RTI
Environmental Ambient Temperature (Max)	85 °C[185 °F]

Operation/Application

Coil Magnetic System	Monostable
Current Type	DC

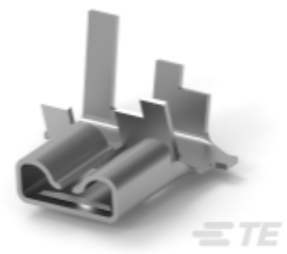
Packaging Features

Packaging Method	Bundle

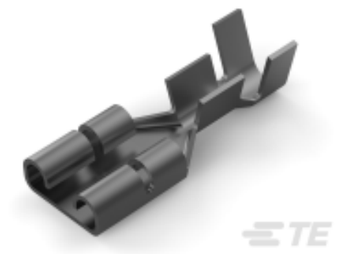
Other

Coil Power Rating Class	>.6 – ≤1 W
Contact Current Class	>16 – ≤25 A
Height Class (Mechanical)	>27 – ≤33 mm[>1.063 – ≤1.299 in]
Length Class (Mechanical)	>45 – ≤70 mm[>1.772 – ≤2.756 in]
Width Class (Mechanical)	>22 – ≤33 mm[>.866 – ≤1.299 in]

Compatible Parts



TE Part # 2238209-3
250 FASTON,FLAG,REC.,22-12 AWG, PTBR



TE Part # 63306-2
250 FASTON REC 18-14 AWG TPBR

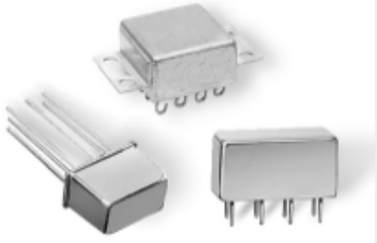


TE Part # 5-1419102-4
T9AP5D52-12

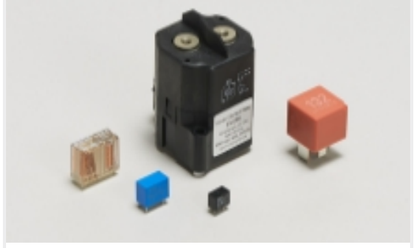


TE Part # 63435-1
250 FASTON REC 14-10 AWG SPBR

Also in the Series | Potter & Brumfield T9A



DC Relays(57)



Electromechanical Relays(57)

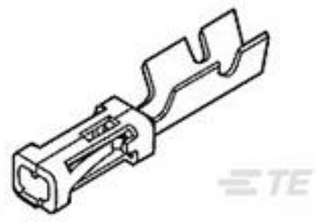
Customers Also Bought



TE Part #CAT-H3930-CH8172
DEUTSCH HD30 Housings



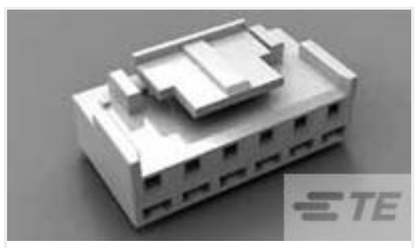
TE Part #CAT-H3910-B128
DEUTSCH HD10 Backshells



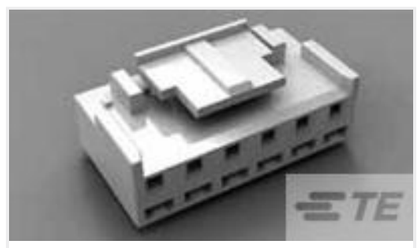
TE Part #87046-2
MOD IV RECP LP



TE Part #1-111623-9
14, 2MM, POL,30 DP, LEAD FREE



TE Part #1-1123722-7
3.96 EP PLUG HSG 7P(NATURAL)



TE Part #1-1123722-9
3.96 EP PLUG HSG 9P(NATURAL)

Documents

CAD Files

3D PDF

3D

Customer View Model
ENG_CVM_CVM_5-1419102-5_K.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_5-1419102-5_K.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_5-1419102-5_K.3d_stp.zip

English

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

Datasheets & Catalog Pages

T9A Relay Datasheet

English

Product Specifications

Definitions General Purpose Relays

English

Agency Approvals

Agency Approval Document

English