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1-1414610-0 Product Details

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Active

Automotive Relays

V23134J0052X455*T

1-1414610-0

TE Internal Number: 1-1414610-0

Product Highlights [View All](#)

- Plug-In Relays
- Relay Type = Power Relay F7
- Terminal Type = PCB-THT
- Monostable, DC Coil - Magnetic System
- Coil - Resistance = 90 Ω

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Please Note:

Use the Product Drawing for all design activity

Product Type Features

Product Designation	Plug-In Relays
Relay Type	Power Relay F7

Mechanical Attachment

Mounting Bracket(s)	Without
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Electrical Characteristics

Coil - Resistance (Ω)	90
Contact - Current Class	>50A Class
Nominal Voltage (VDC)	12
Coil - Rated Power, DC (mW)	1600
Coil - Rated Voltage (VDC)	12
Contact - Limiting Continuous Current (A)	70
Contact - Limiting Breaking Current (A)	70
Contact - Limiting Short-Time Current (A)	240
Contact - Limiting Making Current (A)	120

Body Features

Weight (g [oz])	35.00 [1.236]
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Contact Features

Terminal Type	PCB-THT
Contact Base Material	Ag Alloy

Configuration Features

Coil - Magnetic System	Monostable, DC
Contact - Arrangement	1 Form A (NO)

Industry Standards

RoHS/ELV Compliance	RoHS compliant, ELV compliant
Lead Free Solder Processes	Not relevant for lead free process
RoHS/ELV Compliance History	Always was RoHS compliant

Environmental

Environmental - Ambient Temperature, Max. (°C [°F])	125 [257]
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Contact - Switching Recommended Load, Min.	1000mA at 5V	Environmental - Category of Protection	RTI
Rated Current @ 85° C (A)	70	Other	
Insulation - Initial Dielectric Between Contacts and Coil (V rms)	500	Brand	TE Connectivity
Insulation - Initial Dielectric Between Open Contacts (V rms)	500	Series	Power Relay F7
Dimensions			
Width (mm [in])	26.20 [1.031]		
Height (mm [in])	25.20 [0.992]		

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