



1-1414610-0 Product Details

[Share](#) | [Print](#) | [Email](#)


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

- [Pricing & Availability](#)
- [Request Sample](#)
- [Add to My Part List](#)
- [Buy Product through Distributor](#)

[Documents](#) | [Features](#) | [Compliance](#)

Related Products

Not quite the product you're looking for?
[Find Similar Products](#)

[View Part in Product Feature Selector](#)

[Check for Tooling](#)

Feedback

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
---------------------	---------

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
Contact - Switching Recommended Load, Min.	1000mA at 5V
Rated Current @ 85° C (A)	70
Insulation - Initial Dielectric Between Contacts and Coil (V rms)	500
Insulation - Initial Dielectric Between Open Contacts (V rms)	500

Dimensions

Width (mm [in])	26.20 [1.031]
Height (mm [in])	25.20 [0.992]

Body Features

Weight (g [oz])	35.00 [1.236]
-----------------	---------------

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]
Environmental - Category of Protection	RTI

Other

Brand	TE Connectivity
Series	Power Relay F7

- Corporate Information**
- [About TE](#)
 - [Investors](#)
 - [News Room](#)
 - [Supplier Portal](#)
 - [Careers](#)
 - [Terms & Conditions](#)
 - [Privacy Policy](#)
 - [Global Accessibility Statement](#)

- Quick Links**
- [Distributor Inventory](#)
 - [Product Cross Reference](#)
 - [Documents & Drawings](#)
 - [Product Compliance Support Center](#)
 - [Site Map](#)

- Customer Support**
- [Email or Chat With Us](#)
 - [Find a Phone Number](#)
 - [Knowledge Base](#)
 - [Manage Your Account](#)

Keep Me Informed