R10-T1P2-V700 Product Details



R10-T1P2-V700

TE Internal Number: 2-1393769-7

Active

Industrial Relays (General Purpose)

Converted to EU RoHS but not ELV Compliant (Statement of Compliance)

Product Highlights:

- R10 Series
- Contact - Current Class = 2A to 5A Class, Less Than 16A
- Contact - Rated Current = 3 A
- Terminal Type = Plug-in, Solder
- Contact - Arrangement = 2 Form C (CO)

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Documentation & Additional Information

Product Drawings:
- None Available

Catalog Pages/Data Sheets:
- None Available

Product Specifications:
- None Available

Application Specifications:
- None Available

Instruction Sheets:
- None Available

CAD Files:
- None Available

Additional Information:
- Product Line Information

Related Products:
- Tooling

Product Features (Please use the Product Drawing for all design activity)

Electrical Characteristics:
- Contact - Current Class = 2A to 5A Class, Less Than 16A
- Contact - Rated Current (A) = 3
- Contact - Limiting Continuous Current (A) = 3
- Contact - Limiting Making Current (A) = 3
- Contact - Limiting Breaking Current (A) = 3
- Insulation - Initial Dielectric Between Coil/Contact Class = 500V to 1000V Class
- Insulation - Initial Dielectric Between Open Contacts (V rms) = 500
- Insulation - Initial Dielectric Between Contacts and Coil (V rms) = 1000
- Contact - Rated Voltage (VAC) = 120
- Contact - Limiting Short-Time Current (A) = 3
- Contact - Switching Recommended Load, Min. = 0mA at 0V
- Coil - Rated Voltage (VDC) = 24
- Coil - Resistance (Ω) = 700
- Coil - Rated Power, DC (mW) = 900
- Coil - Rated Power Class = 800mW to 1000mW Class
- Insulation - Initial Dielectric Between Adjacent Contacts (V rms) = 1000
- Insulation - Initial Insulation Resistance (MΩ) = 10000000

Dimensions:
- Mechanical - Length Class = 20mm to 25mm Class
- Length (mm [in]) = 24.10 [0.949]
- Mechanical - Width Class = 16mm to 20mm Class
- Width (mm [in]) = 18.70 [0.736]
- Mechanical - Height Class = 30mm to 40mm Class
- Height (mm [in]) = 30.20 [1.189]

Body Features:
- Mount Type = Socket

Contact Features:
- Terminal Type = Plug-in, Solder
- Contact Material = Ag, gold covered
- Contact - Number of Poles = 2
- Contact - Special Features = Bifurcated/Twin Contacts

Configuration Features:
- Contact - Arrangement = 2 Form C (CO)
- Coil - Magnetic System = Monostable, DC

Industry Standards:
- RoHS/ELV Compliance = RoHS/Not ELV Compliant
- Lead Free Solder Processes = Not relevant for lead free process
- RoHS/ELV Compliance History = Converted to comply with RoHS n ELV directives
- Approved/Registered Standards = CSA, UL

Environmental:
- Environmental - Category of Protection = RTI
- Environmental - Ambient Temperature, Max. (°C [°F]) = 75 [167]
- Environmental - Ambient Temperature Class = 70°C to 85°C Class

Packaging Features:
- Packaging Method = Tray

Other:
- Series = R10
- Brand = Potter & Brumfield

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total 1623 -rw-rw-r-- 1 ewtadm ewtadm 9476 Feb 21 09:08 TE_bottomPart1_1.inc -rw-rw-r-- 1 ewtadm ewtadm 9466 Feb 21 09:08 TE_bottomPart1_10.inc -rw-rw-r-- 1 ewtadm ewtadm 9466 Feb 21 09:08 TE_bottomPart1_14.inc -rw-rw-r-- 1 ewtadm ewtadm 9476 Feb 21 09:08 TE_bottomPart1_15.inc -rw-rw-r-- 1 ewtadm ewtadm 9476 Feb 21 09:08 TE_bottomPart1_16.inc -rw-rw-r-- 1 ewtadm ewtadm 9476 Feb 21 09:08 TE_bottomPart1_17.inc -rw-rw-r-- 1 ewtadm ewtadm 9466 Feb 21 09:08 TE_bottomPart1_2.inc -rw-rw-r-- 1 ewtadm ewtadm 9476 Feb 21 09:08 TE_bottomPart1_3.inc -rw-rw-r-- 1 ewtadm ewtadm 9476 Feb 21 09:08 TE_bottomPart1_4.inc -rw-rw-r-- 1 ewtadm ewtadm 9476 Feb 21 09:08 TE_bottomPart1_5.inc -rw-rw-r-- 1 ewtadm ewtadm 9476 Feb 21 09:08 TE_bottomPart1_6.inc -rw-rw-r-- 1 ewtadm ewtadm 9476 Feb 21 09:08 TE_bottomPart1_8.inc -rw-rw-r-- 1 ewtadm ewtadm 9476 Feb 21 09:08 TE_bottomPart1_9.inc -rw-rw-r-- 1 ewtadm ewtadm 2201 Feb 21 09:08 TE_bottomPart2_1.inc -rw-rw-r-- 1 ewtadm ewtadm 2201 Feb 21 09:08 TE_bottomPart2_10.inc -rw-rw-r-- 1 ewtadm ewtadm 2201 Feb 21 09:08 TE_bottomPart2_14.inc -rw-rw-r-- 1 ewtadm ewtadm 2201 Feb 21 09:08 TE_bottomPart2_15.inc -rw-rw-r-- 1 ewtadm ewtadm 2201 Feb 21 09:08 TE_bottomPart2_16.inc -rw-rw-r-- 1 ewtadm ewtadm 2201 Feb 21 09:08 TE_bottomPart2_17.inc -rw-rw-r-- 1 ewtadm ewtadm 2201 Feb 21 09:08 TE_bottomPart2_2.inc -rw-rw-r-- 1 ewtadm ewtadm 2201 Feb 21 09:08 TE_bottomPart2_3.inc -rw-rw-r-- 1 ewtadm ewtadm 2201 Feb 21 09:08 TE_bottomPart2_4.inc -rw-rw-r-- 1 ewtadm ewtadm 2201 Feb 21 09:08 TE_bottomPart2_5.inc -rw-rw-r-- 1 ewtadm ewtadm 2201 Feb 21 09:08 TE_bottomPart2_6.inc -rw-rw-r-- 1 ewtadm ewtadm 2201 Feb 21 09:08 TE_bottomPart2_8.inc -rw-rw-r-- 1 ewtadm ewtadm 2201 Feb 21 09:08 TE_bottomPart2_9.inc -rw-rw-r-- 1 ewtadm ewtadm 93 Feb 21 09:08 TE_breadcrumb_1.inc -rw-rw-r-- 1 ewtadm ewtadm 104 Feb 21 09:08 TE_breadcrumb_10.inc -rw-rw-r-- 1 ewtadm ewtadm 125 Feb 21 09:08 TE_breadcrumb_14.inc -rw-rw-r-- 1 ewtadm ewtadm 96 Feb 21 09:08 TE_breadcrumb_15.inc -rw-rw-r-- 1 ewtadm ewtadm 106 Feb 21 09:08 TE_breadcrumb_16.inc -rw-rw-r-- 1 ewtadm ewtadm 104 Feb 21 09:08 TE_breadcrumb_17.inc -rw-rw-r-- 1 ewtadm ewtadm 96 Feb 21 09:08 TE_breadcrumb_2.inc -rw-rw-r-- 1 ewtadm ewtadm 99 Feb 21 09:08 TE_breadcrumb_3.inc -rw-rw-r-- 1 ewtadm ewtadm 24 Feb 21 09:08 TE_breadcrumb_4.inc -rw-rw-r-- 1 ewtadm ewtadm 99 Feb 21 09:08 TE_breadcrumb_5.inc -rw-rw-r-- 1 ewtadm ewtadm 98 Feb 21 09:08 TE_breadcrumb_6.inc -rw-rw-r-- 1 ewtadm ewtadm 92 Feb 21 09:08 TE_breadcrumb_8.inc -rw-rw-r-- 1 ewtadm ewtadm 95 Feb 21 09:08 TE_breadcrumb_9.inc -rw-rw-r-- 1 ewtadm ewtadm 4828 Feb 21 09:08 TE_footer_1.inc -rw-rw-r-- 1 ewtadm ewtadm 4378 Feb 21 09:08 TE_footer_10.inc -rw-rw-r-- 1 ewtadm ewtadm 4694 Feb 21 09:08 TE_footer_14.inc -rw-rw-r-- 1 ewtadm ewtadm 4332 Feb 21 09:08 TE_footer_15.inc -rw-rw-r-- 1 ewtadm ewtadm 4376 Feb 21 09:08 TE_footer_16.inc -rw-rw-r-- 1 ewtadm ewtadm 4307 Feb 21 09:08 TE_footer_17.inc -rw-rw-r-- 1 ewtadm ewtadm 4463 Feb 21 09:08 TE_footer_2.inc -rw-rw-r-- 1 ewtadm ewtadm 4409 Feb 21 09:08 TE_footer_3.inc -rw-rw-r-- 1 ewtadm ewtadm 4427 Feb 21 09:08 TE_footer_4.inc -rw-rw-r-- 1 ewtadm ewtadm 4520 Feb 21 09:08 TE_footer_5.inc -rw-rw-r-- 1 ewtadm ewtadm 4453 Feb 21 09:08 TE_footer_6.inc -rw-rw-r-- 1 ewtadm ewtadm 4292 Feb 21 09:08 TE_footer_8.inc -rw-rw-r-- 1 ewtadm ewtadm 4252 Feb 21 09:08 TE_footer_9.inc -rw-rw-r-- 1 ewtadm ewtadm 3620 Feb 21 09:08 TE_head_1.inc -rw-rw-r-- 1 ewtadm ewtadm 3620 Feb 21 09:08 TE_head_10.inc -rw-rw-r-- 1 ewtadm ewtadm 3620 Feb 21 09:08 TE_head_14.inc -rw-rw-r-- 1 ewtadm ewtadm 3620 Feb 21 09:08 TE_head_15.inc -rw-rw-r-- 1 ewtadm ewtadm 3620 Feb 21 09:08 TE_head_16.inc -rw-rw-r-- 1 ewtadm ewtadm 3620 Feb 21 09:08 TE_head_17.inc -rw-rw-r-- 1 ewtadm ewtadm 3620 Feb 21 09:08 TE_head_2.inc -rw-rw-r-- 1 ewtadm ewtadm 3620 Feb 21 09:08 TE_head_3.inc -rw-rw-r-- 1 ewtadm ewtadm 3620 Feb 21 09:08 TE_head_4.inc -rw-rw-r-- 1 ewtadm ewtadm 3620 Feb 21 09:08 TE_head_5.inc -rw-rw-r-- 1 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ewtadm 26940 Feb 21 09:08 TE_menu_1.inc -rw-rw-r-- 1 ewtadm ewtadm 26849 Feb 21 09:08 TE_menu_10.inc -rw-rw-r-- 1 ewtadm ewtadm 28361 Feb 21 09:08 TE_menu_14.inc -rw-rw-r-- 1 ewtadm ewtadm 26884 Feb 21 09:08 TE_menu_15.inc -rw-rw-r-- 1 ewtadm ewtadm 26606 Feb 21 09:08 TE_menu_16.inc -rw-rw-r-- 1 ewtadm ewtadm 26601 Feb 21 09:08 TE_menu_17.inc -rw-rw-r-- 1 ewtadm ewtadm 26843 Feb 21 09:08 TE_menu_2.inc -rw-rw-r-- 1 ewtadm ewtadm 26608 Feb 21 09:08 TE_menu_3.inc -rw-rw-r-- 1 ewtadm ewtadm 26650 Feb 21 09:08 TE_menu_4.inc -rw-rw-r-- 1 ewtadm ewtadm 26744 Feb 21 09:08 TE_menu_5.inc -rw-rw-r-- 1 ewtadm ewtadm 26942 Feb 21 09:08 TE_menu_6.inc -rw-rw-r-- 1 ewtadm ewtadm 26331 Feb 21 09:08 TE_menu_8.inc -rw-rw-r-- 1 ewtadm ewtadm 26442 Feb 21 09:08 TE_menu_9.inc

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