

• Products	T-SERIES					Compact & Slim 2c Non-polarized Relay
	TQ-SMD-RELAY	TF-RELAY	TN-RELAY	TK-RELAY	HX-RELAY	HX-RELAY
• Type of relay <small>mm inch</small>						
• Features	<ul style="list-style-type: none"> <li>Ultra low profile: 5.8mm .228inch</li> <li>Surge withstand: 2,500V</li> <li>3 types of surface-mount terminal available</li> </ul>	<ul style="list-style-type: none"> <li>High sensitivity</li> <li>Nominal operating power, 80mW</li> <li>1,500V FCC</li> </ul>	<ul style="list-style-type: none"> <li>Ultra-slim size</li> <li>1,500V FCC</li> </ul>	<ul style="list-style-type: none"> <li>Low profile 4 mm .157 inch</li> <li>High contact capacity: 2 A</li> <li>Surge withstand voltage between contact and coil: 2,500 V</li> </ul>	<ul style="list-style-type: none"> <li>Ultra compact size</li> <li>1,500V FCC</li> <li>High-density mounting is possible</li> <li>Surface mount available</li> </ul>	
• Sealed types availability	●	●	●	●	●	
• Latching types availability	●	●	●	●	●	
• Contact material (Optional material)	Gold-clad silver alloy	Gold-clad silver (Silver palladium)	Gold-clad silver	Gold-clad silver nickel	Gold-clad silver	
• Contact rating chart (cos φ = 1)						
• Minimum	1 mA 100 μA 10 μA	1 mA 100 μA 10 μA	1 mA 100 μA 10 μA	1 mA 100 μA 10 μA	1 mA 100 μA 10 μA	
• Max. switching voltage	220V DC, 125V AC	110V DC, 125V AC	110V DC, 125V AC	220V DC	110V DC, 125V AC	
• Contact arrangement	2c	2c	2c	1c	2c	
• Life (Min. operation)	Electrical	10 <sup>5</sup> (at 2 A 30 V DC) 2 × 10 <sup>5</sup> (at 1 A 30 V DC)	2 × 10 <sup>5</sup>	2 × 10 <sup>5</sup>	10 <sup>5</sup>	10 <sup>5</sup>
	Mechanical	10 <sup>8</sup>	10 <sup>8</sup>	10 <sup>8</sup>	10 <sup>8</sup>	10 <sup>7</sup>
• Break-down voltage	Between open contacts	1,000Vrms	750Vrms	750Vrms	750Vrms	750Vrms
	Between contact sets	1,500Vrms	1,000Vrms	1,000Vrms	1,000Vrms	1,000Vrms
	Between contacts and coil	1,500Vrms	1,000Vrms	1,000Vrms	1,500Vrms	1,000Vrms
	Between live parts and ground	—	—	—	—	—
• Surge withstand voltage	2,500V Bellcore	1,500V FCC	1,500V FCC	2,500V Bellcore	1,500V FCC	
• Coil voltage	(DC) 1.5, 3, 4.5, 5, 6, 9, 12, 24, 48V	(DC) 3, 4.5, 5, 6, 9, 12, 24, 48V	(DC) 3, 4.5, 5, 6, 9, 12, 24, 48V	(DC) 1.5, 3, 4.5, 5, 6, 9, 12, 24V	(DC) 1.5, 3, 4.5, 5, 6, 9, 12, 24V	
• Nominal operating power	(Single) 140mW (Up to 12V DC) 200mW (24V DC) 300mW (48V DC)	(Single) 80mW (Up to 12V DC) 140mW (24V DC) 260mW (48V DC)	(Single) 140mW (Up to 12V DC) 200mW (24V DC) 300mW (48V DC)	(Single) 140mW (Up to 12V DC) 270mW (24V DC)	320mW	
• Terminal layout (Bottom View) • coil terminal (.100 inch grid) <small>mm inch</small>						
• Standards	UL (E43149), CSA (LR26550)	UL (E43149), CSA (LR26550)	UL (E43149), CSA (LR26550)	UL (E43149), CSA (LR26550)	UL (E43149), CSA (LR26550)	
• Mounting method						

Note: Meaning of symbol marks : PC board terminal; : Plug-in; : Top-mounting; : Top-mounting with PC board terminals; : Surface-mounting