

• Products	High Breakdown Voltage Capacity	Miniature DIL Power	2c, 200mW Sensitive Miniature Relay	Small Microwave Relay	High Frequency	
	DS-RELAY	DSP-RELAY	DS2Y-RELAY	RX-RELAY	RK-RELAY	
• Type of relay <small>mm inch</small>						
• Features	<ul style="list-style-type: none"> <li>• 1,500V FCC surge satisfied</li> <li>• High switching power</li> </ul>	<ul style="list-style-type: none"> <li>• High switching capacity</li> <li>• High contact welding resistance</li> <li>• High breakdown voltage</li> </ul>	<ul style="list-style-type: none"> <li>• High sensitivity</li> <li>• 2 Form C contact</li> <li>• 1,500V FCC</li> <li>• Sealed construction</li> </ul>	<ul style="list-style-type: none"> <li>• Excellent high frequency</li> <li>• 300Khz or 2.5Ghz, Impedance 50 ohm</li> <li>• High sensitivity in small size</li> </ul>	<ul style="list-style-type: none"> <li>• Excellent high frequency characteristics</li> <li>• Isolation: 60dB or more at 1.8Ghz</li> <li>• High sensitivity in small size</li> </ul>	
• Sealed types availability	●	●	●	●	●	
• Latching types availability	●	●	●	●	●	
• Contact material (Optional material)	Gold-clad silver (Silver palladium)	Gold-flash over silver alloy	Gold-clad silver	Gold	Gold-clad silver	
• Contact rating chart Maximum (cos φ = 1)						
• Minimum	1 mA, 100 uA, 10 uA		10 uA, 10 mV DC			
• Max. switching voltage	220V DC, 250V AC	125V DC, 380V AC	220V DC, 250V AC	30V DC	30V DC	
• Contact arrangement	1c, 2c, 4c	1a, 1a1b, 2a	2c	1c	1c	
• Life (Min. operation)	Electrical	5 × 10 <sup>5</sup>	10 <sup>5</sup>	5 × 10 <sup>5</sup>	10 <sup>5</sup>	3 × 10 <sup>5</sup>
	Mechanical	10 <sup>8</sup>	5 × 10 <sup>7</sup>	10 <sup>8</sup>	5 × 10 <sup>6</sup>	5 × 10 <sup>6</sup>
• Break-down voltage	Between open contacts	1,000Vrms (500Vrms for DS1-S)	1,000Vrms	750Vrms	500Vrms	500Vrms
	Between contact sets	1,000Vrms	2,000Vrms	1,000Vrms	—	—
	Between contacts and coil	1,500Vrms (1,000Vrms for DS1-S)	3,000Vrms	1,000Vrms	1,000Vrms	1,000Vrms
	Between live parts and ground	—	—	—	500Vrms	500Vrms
• Surge withstand voltage	1,500V FCC	5,000V surge	1,500V FCC	—	—	
• Coil voltage	(DC) 1.5, 3, 5, 6, 9, 12, 24, 48V	(DC) 3, 5, 6, 9, 12, 24V	(DC) 1.5, 3, 5, 6, 9, 12, 24, 48V	(DC) 3, 4.5, 6, 9, 12, 24	(DC) 3, 5, 6, 9, 12, 24V	
• Nominal operating power	M type (Single) 400mW (-L2) 360mW S type (Single) 200mW (-SL2) 180mW	(Single) 300mW (-L) 150mW (-L2) 300mW	(Single) 200mW (300mW: 48V) (-L2) 180mW (360mW: 48V)	(Single) 200mW (-L) 200mW (-L2) 400mW	(Single) 200mW (-L) 200mW (-L2) 400mW	
• Terminal layout (Bottom View) * coil terminal (.100 inch grid) <small>mm inch</small>						
• Standards	UL (E43149), CSA (LR26550)	UL (E43028), TÜV, 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