

Miniature PCB Relay RE

1 pole 6 A



- 1N/O contact
- Sensitive coil 200 mW
- 4 kV coil-contact
- Optimized height 10,6 mm
- PCB area 200 mm²
- Immersion proof

Miniature PCB Relay RE

1 pole 6 A

Insulation

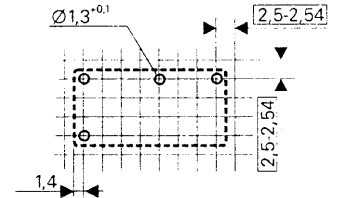
Dielectric strength coil-contacts	4000 V _{rms}
open contact circuit	1000 V _{rms}
Clearance / creepage	≥ 4 / 4 mm
Insulation to VDE 0110b (2/79)	
Insulation category / reference voltage	C / 250, B / 400

Other data

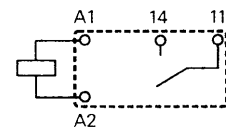
Flammability class UL	V-0
Ambient temperature	-40...+70 °C, -40...+85 °C at 4 A
Mechanical life	> 30x10 ⁶ operations
Max. switching rate at rated- / minimum load	6 min ⁻¹ / 1200 min ⁻¹
Operate- / release time	typ. 5 / 1 ms
Bounce time	typ. 1 ms
Vibration resistance	open contact: 10 g closed contact: 20 g
Shock resistance (destruction)	100 g
Protection category	IP 67
Relay weight	5 g
Packaging unit	25 / 500 pcs.

PCB layout / terminal assignment

View on solder pins
Dimensions in mm



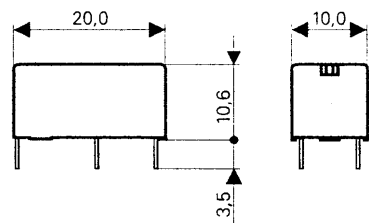
30176 BH



50176 BJ

Dimensions

Dimensions in mm



S0271 -AH

Ordering key

Type	RE	0	3			
Version						
0 washable						
Contacts						
3 1 N/O contact						
Contact material						
0 AgCdO						
2 AgNi 0,15 gold plated						
Coil						
Coil code: please refer to coil versions table						