



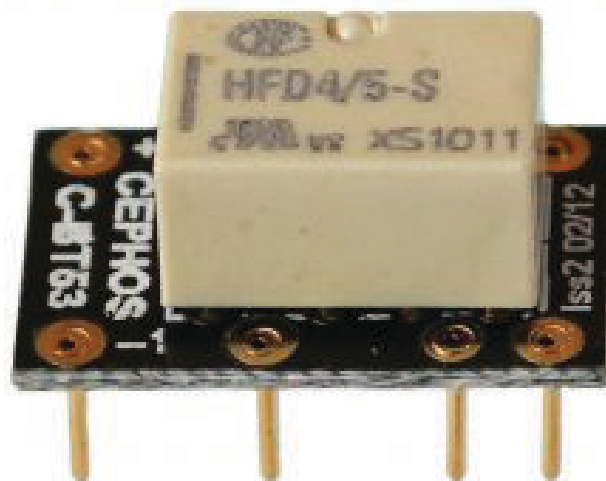
Every part matters

EN

# RS Pro DPDT 12V Polarised PCB Mount Relay

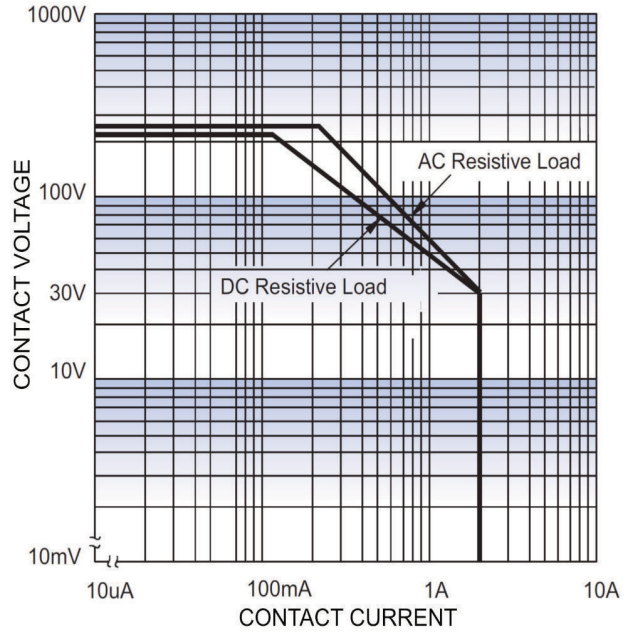
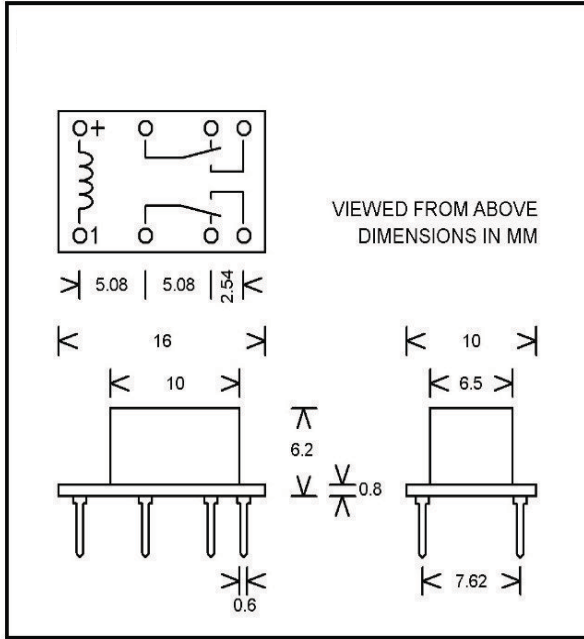
Stock Number: 193-5855

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The RS Pro DPDT 12V polarised PCB mount relay is a drop in alternative solution to the obsolete Panasonic DF2, Omron G5A-234P, Fujitsu FBR46ND and all other BT53 type relays.





Contact Data	
Contact arrangement	2 pole C/O
Contact resistance	100mΩ max at 10mA / 30mVdc
Contact material	AgNi + Au plated
Contact rating (Res. Load)	1A 30Vdc 0.5A 125Vac
Max. switching current	2A
Max. Switching voltage	250Vac / 220Vdc
Max. Switching power	62.5VA / 60W
Min. Applicable load	10mV 10μA
Mechanical endurance	1 x 10 <sup>8</sup> ops
Electrical endurance	1 x 10 <sup>5</sup> ops (AgNi + Au plated, 0.5A 125Vac, resistive load, at 40°C, 1s on 9s off)

Characteristics	
Operate time	3ms max.
Release time	3ms max.
Ambient temperature	-40°C to 85°C
Humidity	5% to 85% RH
Unit weight	1.24g

Coil Data (5V)	
Pick-up voltage Vdc max.	9V
Drop-out voltage Vdc min.	1.2V
Coil resistance Ω	1028Ω
Nominal power mW	140mW
Max voltage Vdc	18V