



PIT-RADWAR S.A.
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Miniature RF reed relay K-821
form A contact (normally open)
for PCBs

This product is in accordance with RoHs

PARAMETERS	Unit	TYPE	
		K-821	

1.CONTACT PARAMETERS

Breakdown voltage	max	V_{DC}	250
Switching voltage	max	$V_{DC,AC}$	20
Switching current	max	A	1
Carry current	max	A	3.2 at 30 MHz
Capacitance	max	pF	0.5
Life expectancy			1×10^6 load 20 V_{DC} , 0.5A

2.COIL PARAMETERS

Nominal voltage		V_{DC}	24
Working voltage range		V_{DC}	19 ÷ 30
Pull-in voltage	max	V_{DC}	15
Drop-out voltage	min	V_{DC}	2
Coil resistance	±10%	Ω	1500
RF screening			Inner & outer

3.RELAY PARAMETERS

Insulation resistance	min	Ω	10^9
Operate time including bounces	max	ms	1
Release time	max	ms	0.5
Breakdown voltage coil-contact	min	V_{DC}	500
Capacitance - contacts to screen/cover	max	pF	5
Environment category acc. to IEC 68-2-1÷3			40/85/10

4.DIMENSIONS AND TERMINAL ARRANGEMENTS

