



Coil Data				
Coil Resistance	at 20°C	+/-10 %	44	Ohm
Coil Voltage			5	VDC
Thermal Resistance	Max. relay temperature = operating temp. + self heating		33	K/W
Rated Power			568	mW
Coil Current			114	mA
Inductance			-	mH
Pull-In Voltage	at 20°C	max.	3,8	VDC
Drop-Out Voltage	at 20°C	min.	1	VDC

Description
Reed Relay for switching Power High Frequency Applications
with High Frequency Shield
Normally Open - Form: A
Magnetic Shield

Contact Data				
Contact Material			Rh / Cu	
Contact Number			54	
Contact Rating	Combination of voltage and current must not exceed maximal contact rating		25	W
Switching voltage	DC or AC peak		500	V
HF Switching Current	Arms @ 30 MHz		1,5	A
HF Carry Current	Arms @ 30 MHz		5	A
Static Contact Resistance	Measured with 40% Pull-In overdrive	max.	30	mOhm
Insulation Resistance	RH < 45 %, 100 V test voltage	min.	100	GOhm
Breakdown Voltage	according to IEC 255-5	min.	9	kV DC
Operating Time incl. bounce	measured with nom. voltage @ 20°C		3	ms
Release Time	measured without coil excitation		1,2	ms
Capacity	measured @ 10 kHz	max.	1	pF

Special Product Data				
Insulation Resistance Coil/Contact	RH < 45 %, 200 V test voltage	min.	1	TOhm
Insulation Voltage Coil/Contact	according to IEC 255-5	min.	10	kV DC
Insulation Voltage Coil/Shield	according to IEC 255-5	min.	0,5	kV DC
Insulation Voltage Shield/Contact	according to IEC 255-5	min.	10	kV DC
Capacitance Coil/Contact			1,2	pF
Housing Material			Plastic PP / RF Shield	
Fixation of Switch			Silicon Sleeve	
Connection Pins			Copper alloy tin plated	

Environmental Data	
Operating Temperature	-40 ~ 85 °C
Storage Temperature	-55 ~ 125 °C
Shock (1/2 sine wave 11 ms)	50 g
Vibration (10 - 2000 Hz)	20 g
Soldering Temp. (max. 5 s)	260°C
Cleaning	Partly sealed