



Products for tomorrow

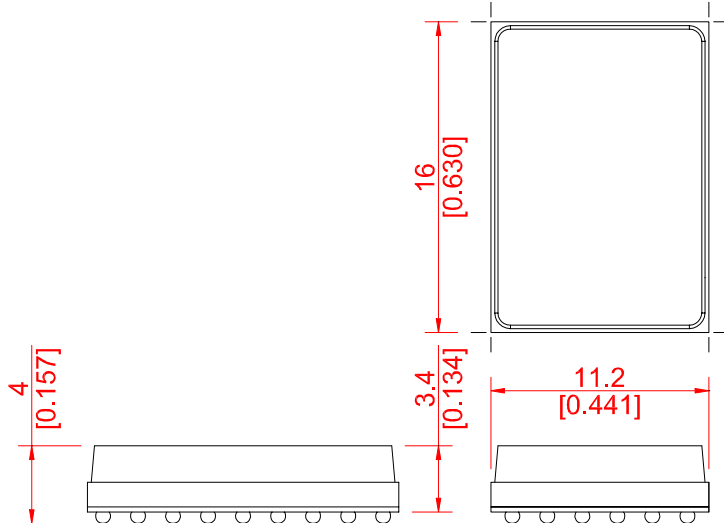
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Reed Relay: RM05-4AS-4/2
4 Input/ 2 Output
RF Reed Relay Module

Part Number: **Preliminary**
9605480120

Dimensions mm [in.] Unspecified Tolerances +/-0.1mm



Post Reflow Height:

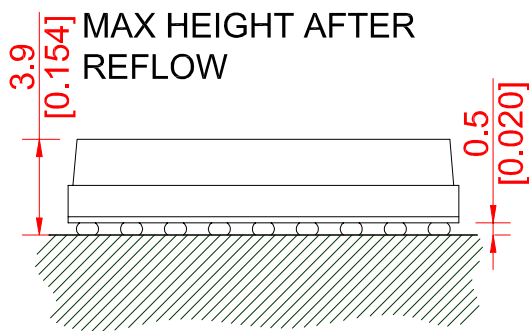
Marking

MEDER-Label
Type
Layout
Production-
Code-
EN60062
/Factory Code

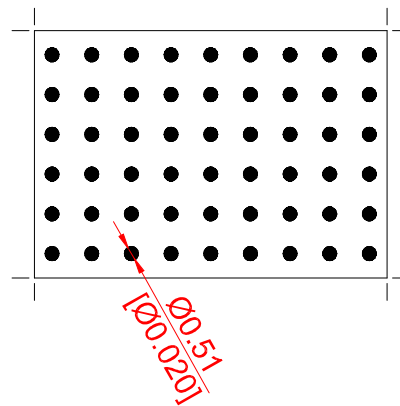


Pad Layout: Top View

GRID SPACING IS 1.8mm ON CENTER

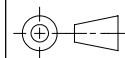
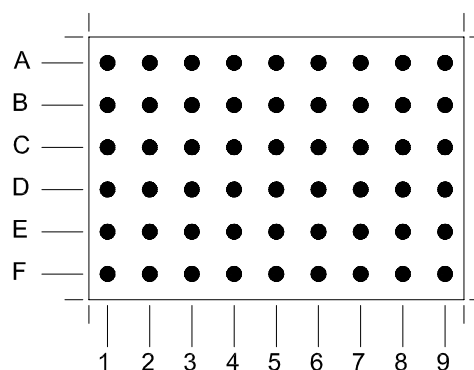
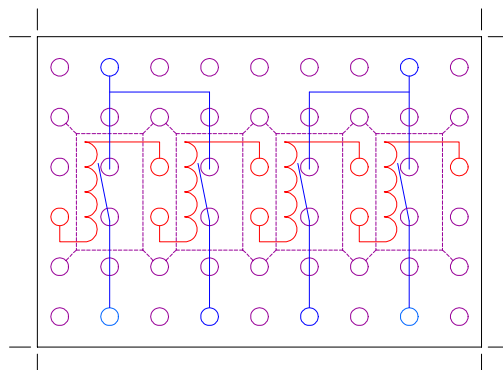


MAX HEIGHT AFTER REFLOW



Pad Designation: Top View

Schematic: Top View





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Part Number:

Preliminary
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Coil/Relay Characteristics	Conditions at 20°C	Min.	Typ.	Max.	Units
Coil Resistance		166.5	185	203.5	Ω
Nominal Voltage			5		VDC
Nominal Rated Power			135		mW
Operate Voltage				3.75	VDC
Release Voltage		0.5			VDC
Insulation Resistance Coil-Switch		10 ¹²			Ω
Isolation Voltage Coil-Switch		1.5			kVDC
Capacitance	@ 10kHz, Contact to Shield		0.7		pF

Module Characteristics		Min.	Typ.	Max.	Units
Insertion Loss	Input / Output		TBD		dB
Voltage Standing Wave Ratio VSWR	Input / Output		TBD		
Isolation	Input / Output		TBD		dB
Rise Time	Potential Change Input / Output		TBD		psec
Characteristic Impedance	Input / Output		TBD		Ω

Contact Data 80 (Form A/Dry)					
Contact Rating	Any combination of the switching voltage and current must not exceed the given rated power			10	W
Switching Voltage	DC or Peak AC			170	V
Switching Current	DC or Peak AC			0.5	A
Carry Current	DC or Peak AC			0.5	A
Static Contact Resistance (initial)	Measured with Nominal Voltage		200	250	mΩ
Insulation Resistance	RH 45%	10 ¹⁰			Ω
Breakdown Voltage		210			VDC
Operate Time, including Bounce	Measured with Nominal Voltage		0.1		ms
Release Time	Measured with no coil suppression		0.02		ms
Capacitance			0.1		pF

Environmental Data					
Shock	½ sine wave, duration 11ms			50	g
Vibration	from 10 - 2000 Hz			10	g
Operating Temperature	10°C/min max. allowable	-40		85	°C
Storage Temperature	10°C/min max. allowable	-55		125	°C
Soldering Temperature	JEDEC Norm JESD22-A113A	190		260	°C
Cleaning				fully sealed	
Material of Substrate				FR4	
Sealing Compound				Thermoset Molding Compound	
BGA Solder Interconnect				Sn63/Pb37, 0.025" diameter	
Remarks					

Customer / Customer part number	Standard Product
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