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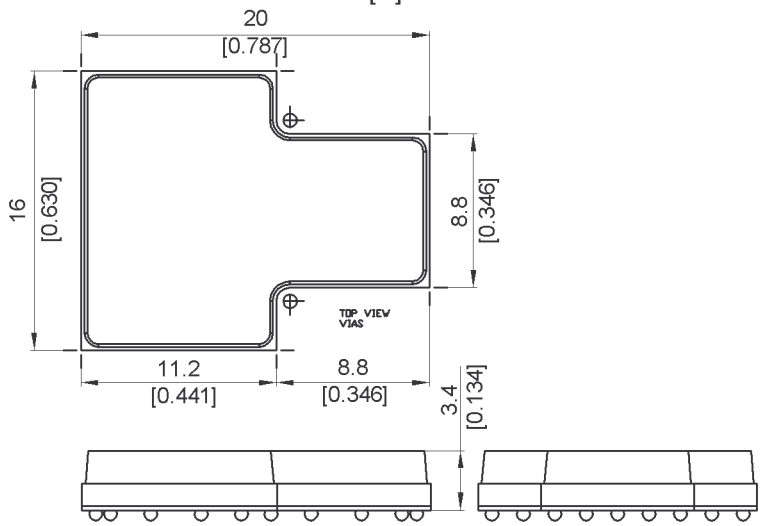
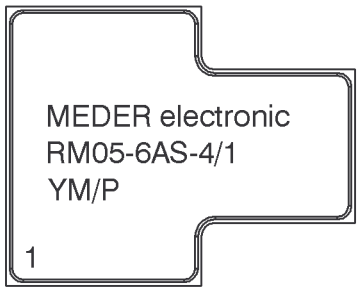
Item No.:
9605680020
Item:
RM05-6AS-4/1

DIMENSIONS mm [in]

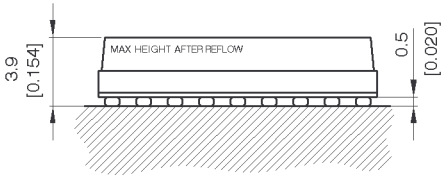


MARKING

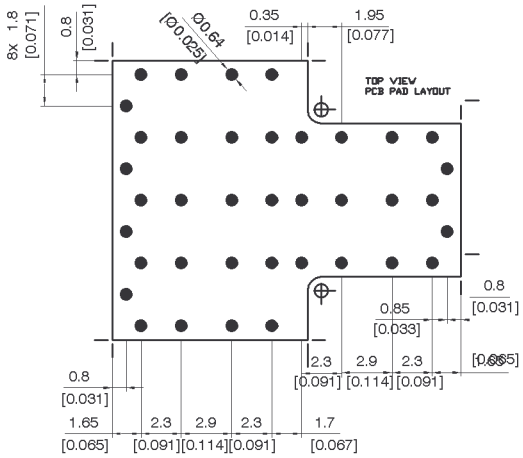


MEDER-Label, Type
Prod.-code EN 60062/
Factory code

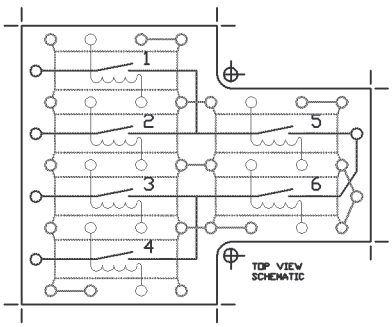
POST REFLOW HEIGHT



PAD LAYOUT top view

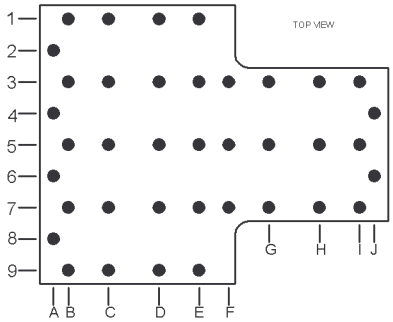


SCHEMATIC top view



unspecified tolerances ±0.1 mm

PAD DESIGNATION top view



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Item:
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Coil Data at 20 °C	Conditions	Min	Typ	Max	Unit
Coil resistance		166,5	185	203,5	Ohm
Coil voltage			5		VDC
Rated power			135		mW
Pull-In voltage				3,75	VDC
Drop-Out voltage		0,5			VDC

Contact data 80	Conditions	Min	Typ	Max	Unit
Contact-No.		80			
Contact-form		A			
Contact-material		Rhodium			
Contact-rating	Any DC combination of V & A not to exceed their individual max.'s			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
Contact resistance static	Measured with 40% overdrive Start Value		200	250	mOhm
Contact resistance dynamic	Maximum value 1,5 ms after excitation Start Value			250	mOhm
Insulation resistance	RH <45 %, 100 V test voltage	10			GOhm
Breakdown voltage	according to EN 60255-5	210			VDC
Operate time incl. bounce	measured with 40% overdrive		0,1		ms
Release time	measured with no coil excitation		0,02		ms
Capacity			0,1		pF

Special Product Data	Conditions	Min	Typ	Max	Unit
Insulation resistance coil/switch	RH <45 %, 100 Volt test voltage	1.000			GOhm
Isolation voltage Coil/Contact	according to EN 60255-5	1,5			kV DC
Capacitance	@ 10 kHz, contact to shield		0,7		pF
Material of Substrate		FR4			
Sealing compound		Thermoset Molding Compound			
		BGA Sn63/Pb37, 0,025" diameter			

Environmental data	Conditions	Min	Typ	Max	Unit
Shock	1/2 sine wave duration 11ms			50	g
Vibration	from 10 - 2000 Hz			10	g
Operating temperature		-40		85	°C
Storage temperature		-55		125	°C
Soldering temperature	JEDEC Norm JESD22-A113A	190		260	°C
Washability		fully sealed			