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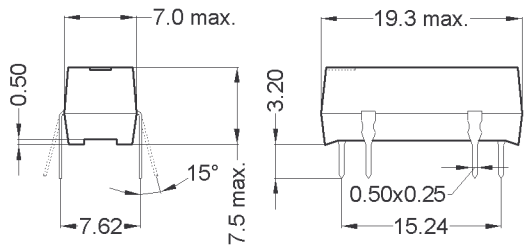
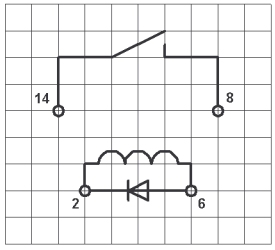
Item No.:
3212175113
Item:
DIP12-1A75-13D

Dimensions

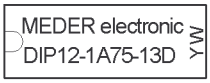


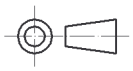
Layout 13D Pitch 2.54 / Top View



Marking

Type - Layout
Production-Code
EN60062





unspecified tolerances ± 0.1mm
nicht spezifizierte Toleranzen ± 0.1mm

Coil Data at 20 °C	Conditions	Min	Typ	Max	Unit
Coil resistance		900	1.000	1.100	Ohm
Coil voltage			12		VDC
Rated power			144		mW
Coil current			12		mA
Thermal resistance	max. Relay temperature = operating temperature + self heating		108		K/W
Inductance			106		mH
Pull-In voltage				8,4	VDC
Drop-Out voltage		1,8			VDC

Contact data 75	Conditions	Min	Typ	Max	Unit
Contact rating	Any DC combination of V & A not to exceed their individual max.'s			10	W
Switching voltage (<31 AT)	DC or Peak AC			500	V
Switching current	DC or Peak AC			0,5	A
Carry current	DC or Peak AC			1	A
Contact resistance static	Measured with 40% overdrive Start Value			200	mOhm
Insulation resistance	RH <45 %, 100 V test voltage	10			TOhm
Breakdown voltage (20-30 AT)	according to EN 60255-5	1,5			kV DC
Operate time incl. bounce	measured with 40% overdrive			0,5	ms
Release time	measured with no coil excitation			0,1	ms
Capacity	@ 10 kHz across open switch		0,2		pF

Special Product Data	Conditions	Min	Typ	Max	Unit
Number of contacts		1			
Contact - form		A - NO			
Dielectric Strength Coil/Contact	according to EN 60255-5	4,25			kV DC
Insulation resistance Coil/Contact	40°C, 95% R.H.	10			TOhm
Capacity Coil/Contact	@ 10 kHz		0,8		pF
Case colour		black			
Housing material		epoxy resin			
Connection pins		Copper alloy tin plated			
Magnetic Shield		no			
Reach / RoHS conformity		yes			
Approval		UL File No. NRNT2.E156887			
Approval		UL File No. NRNT8.E156887			

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Environmental data	Conditions	Min	Typ	Max	Unit
Shock	1/2 sine wave duration 11ms			50	g
Vibration	from 10 - 2000 Hz			20	g
Operating temperature		-20		70	°C
Storage temperature		-35		95	°C
Soldering temperature	wave soldering max. 5 sec.			260	°C
Washability		fully sealed			

General data	Conditions	Min	Typ	Max	Unit
Total weigth			1,4		g
Packaging		Tube per 25 piece			