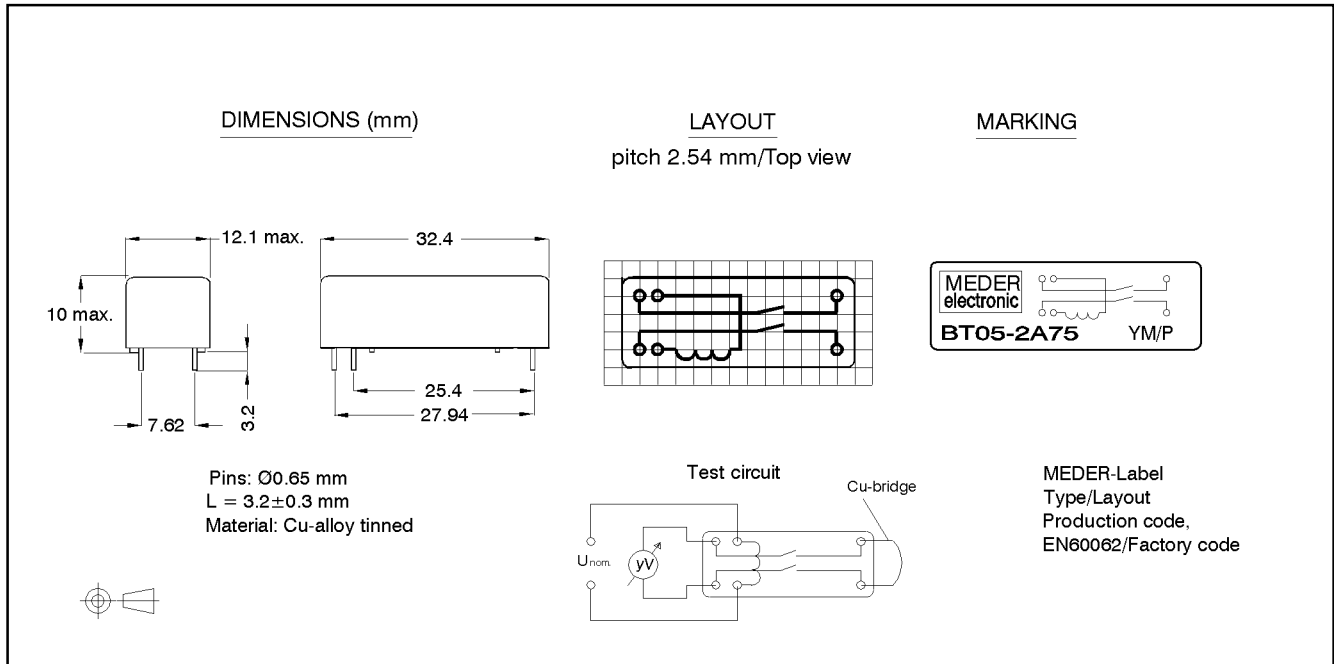


Preliminary Datasheet



Coil Data at 20 °C	Conditions	Min	Typ	Max	Unit
Coil resistance		810	900	990	Ohm
Coil voltage			5		VDC
Rated power			28		mW
Pull-In voltage				3,8	VDC
Drop-Out voltage		1			VDC

Contact data 75	Conditions	Min	Typ	Max	Unit
Contact-No.				75	
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 (<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			GOhm
Breakdown voltage (<20 AT)	according to IEC 255-5	600			VDC
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		0,4		pF

Special Product Data	Conditions	Min	Typ	Max	Unit
Insulation resistance Coil/Contact	RH <45%, 200 VDC test voltage	1.000			GOhm
Dielectric Strength Coil/Contact	according to IEC 255-5	2			kV AC
Insul. all connections/ Metal case		1			kV AC
Thermal Offset Voltage				1,5	MicroVolt
Housing material				Metal	
Sealing compound				Polyurethan	
Connection pins				cu-alloy tinned	
Number of contacts				2	



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8805275800
Item:
BT05-2A75

Products for tomorrow...

Preliminary Datasheet

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		-25		85	°C
Soldering temperature	wave soldering max. 5 sec.			260	°C
Washability		fully sealed			

Modifications in the sense of technical progress are reserved

Designed at: 23.06.08 Designed by: WKOVACS
Last Change at: Last Change by:

Approval at: Approval by:
Approval at: Approval by:

Version: 01