

DIMENSIONS (mm)

Pins: Ø0.65 mm
 L = 3.2±0.3 mm
 Material: Cu-alloy tinned

LAYOUT
pitch 2.54 mm/Top view

Test Circuit

Cu-bridge

MARKING

MEDER-Label
 Type/Layout
 Production code,
 EN60062/Factory code

Coil Data at 20 °C	Conditions	Min	Typ	Max	Unit
Coil resistance		315	350	385	Ohm
Coil voltage			5	8	VDC
Rated power			72		mW
Pull-In voltage				3,8	VDC
Drop-Out voltage		0,4			VDC

Contact data 46	Conditions	Min	Typ	Max	Unit
Contact rating	combination of switching voltage and current not to exceed their individual max.'s			10	W
Switching voltage	DC or Peak AC			200	V
Switching current	DC or Peak AC			0,5	A
Carry current	DC or Peak AC			1,5	A
Contact resistance static	Measured with 40% overdrive Start Value			100	mOhm
Insulation resistance	RH <45 %, 100 V test voltage	1.000			GOhm
Breakdown voltage	according to EN 60255-5	350			VDC
Operate time incl. bounce	measured with 40% overdrive			0,75	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				2	
Thermal Offset Voltage				1	µV
Dielectric Strength Coil/Contact	according to EN 60255-5	1,5			kV DC
Housing material				Metal	
Sealing compound				Polyurethan	
Connection pins				cu-alloy tinned	
RoHS conformity				yes	



Products for tomorrow...

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Item No.:
8805246800
Item:
BTS05-2A46

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		85	°C
Storage temperature		-35		100	°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: 11.07.12 Last Change by: WKOVACS

Approval at: 21.10.08 Approval by: KOLBRICH
Approval at: 11.07.12 Approval by: CRUF

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