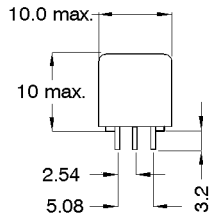
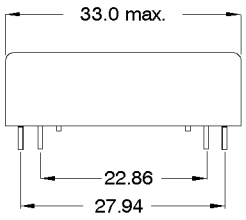
Europe: +49 / 7731 8399 0 | Email: info@meder.com
USA: +1 / 508 295 0771 | Email: salesusa@meder.com
Asia: +852 / 2955 1682 | Email: salesasia@meder.com

Item No.:
8824190100
Item:
BE24-1C90-P

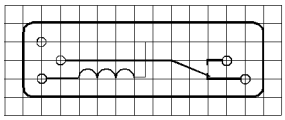
DIMENSIONS (mm)





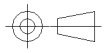
Pins: Ø0.65 mm
L = 3.2±0.3 mm
Material: Cu-alloy tinned

LAYOUT
pitch 2.54 mm/Top view



MARKING

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



Coil Data at 20 °C	Conditions	Min	Typ	Max	Unit
Coil resistance		7.060	7.845	8.629	Ohm
Coil voltage			24		VDC
Rated power			73		mW
Pull-In voltage				16,8	VDC
Drop-Out voltage		1,4			VDC

Contact data 90	Conditions	Min	Typ	Max	Unit
Contact-No.		90			
Contact-form		C			
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/ with 40% overdrive			175	V
Switching current	DC or Peak AC/with 40% overdrive			0,5	A
Carry current	DC or Peak AC/ with 40% overdrive			1	A
Contact resistance static	Measured with 40% overdrive Start Value			150	mOhm
Contact resistance dynamic	Maximum value 1,5 ms after excitation Start Value			250	mOhm
Insulation resistance	RH <45 %, 100 V test voltage	1			GOhm
Breakdown voltage	according to IEC 255-5	200			VDC
Operate time, incl. bounce	measured with 40% overdrive			0,7	ms
Release time	measured with no coil excitation			1,5	ms

Special Product Data	Conditions	Min	Typ	Max	Unit
Insulation resistance Coil/Contact	RH <45%, 200 VDC test voltage	10			GOhm
Insulation voltage Coil/Contact	according to IEC 255-5	2			kV DC
Housing material		Polycarbonat			
Sealing compound		Polyurethan			
Connection pins		Copper alloy tin plated			
number of contacts		1			

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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
Ambient temperature		-20		70	°C
Storage temperature		-40		105	°C
Soldering temperature	wave sodering max. 5 sec.			260	°C
Cleaning		fully sealed			

General data	Conditions	Min	Typ	Max	Unit
customer / customer number		Illumina			