



Products for tomorrow...

Headquarter Europe
 MEDER electronic AG
 Friedrich-List Strasse 6
 D-78234 Engen-Welschingen
 Tel.: +49(0)7733-9487-0
 Fax: +49(0)7733-9487-32
 eMail: info@meder.com
 Internet: www.meder.com

Headquarter USA
 MEDER electronic Inc.
 766 Falmouth Rd
 Mashpee, MA 02649
 Phone: +1/ 508-539-0002
 Fax: +1/ 508-539-4088
 eMail: salesusa@meder.com

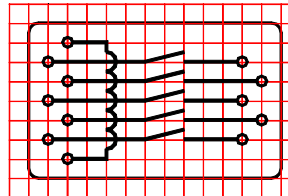
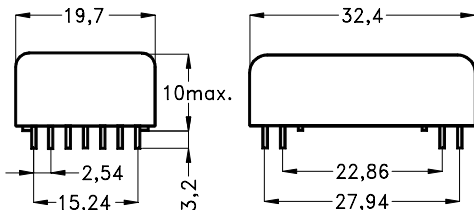
Reed Relay: BE24-5A85-M

Part Number: 8824585200

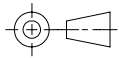
Dimensions (mm)

Layout / Pitch 2,54 mm / Top View

Marking



MEDER-Label
 Type
 Layout
 Production-
 Code-
 EN60062
 /Factory Code



Pins: \varnothing 0,65 mm / L 3,2 \pm 0,3 mm

Coil/Relay Characteristics	Conditions at 20°C	Min.	Typ.	Max.	Units
Coil Resistance		1026	1140	1254	Ω
Nominal Voltage			24		VDC
Nominal Rated Power			505		mW
Thermal Resistance			40		K / W
Operate Voltage				16,8	VDC
Release Voltage		2,0			VDC

Contact Data 85 (Form A/Dry)					
Contact Rating	Any combination of the switching voltage and current must not exceed the given rated power			100	W
Switching Voltage	DC or Peak AC			1000	V
Switching Current	DC or Peak AC			1,0	A
Carry Current	DC or Peak AC			2,5	A
Static Contact Resistance (initial)	Measured with Nominal Voltage			150	m Ω
Insulation Resistance	RH 45%	10^{12}			Ω
Breakdown Voltage		2000			VDC
Operate Time	Measured with Nominal Voltage			1,0	ms
Release Time	Measured with no coil suppression			0,1	ms
Capacitance			0,2		pF

Environmental Data					
Insulation Resistance Coil to Contact	RH 45%	10^{12}			Ω
Dielectric Strength Coil to Contact		2			kV AC
Shock	½ sine wave, duration 11ms			50	g
Vibration	from 10 - 2000 Hz			20	g
Operating Temperature	10°C/min max. allowable	-20		70	°C
Storage Temperature	10°C/min max. allowable	-35		105	°C
Soldering Temperature	5 sec. at			260	°C
Cleaning				fully sealed	
Material of Case				Metal / Magnetic Shielding / Fe	
Sealing Compound				Polyurethan	
Material of Pins				Cu-alloy tinned	
Remarks					

Customer / Customer part number	Standard Part
---------------------------------	---------------