



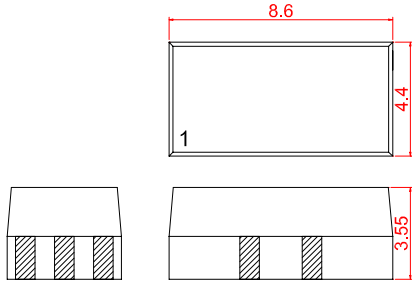
Products for tomorrow

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

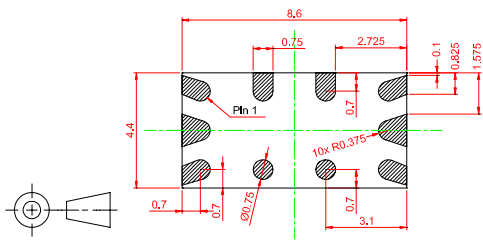
Headquarter USA
 MEDER electronic Inc.
 766 Falmouth Rd
 Mashpee, MA 02649
 Phone: +1/ 508-539-0002
 Fax: +1/ 508-539-4088
 eMail: salesusa@meder.com

Reed Relay: CRR05-1A
Part Number: 9605180012

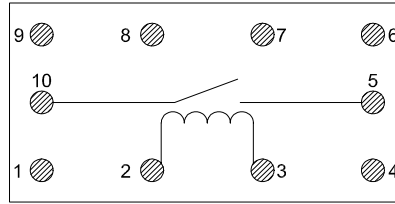
Dimensions (mm) Unspecified Tolerances +/- 0.25



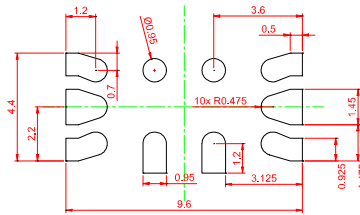
Relay Pad Layout / Bottom View



Schematic / Top View



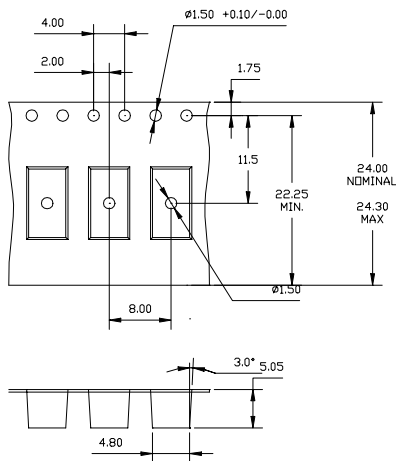
Recommended PCB Layout / Top View



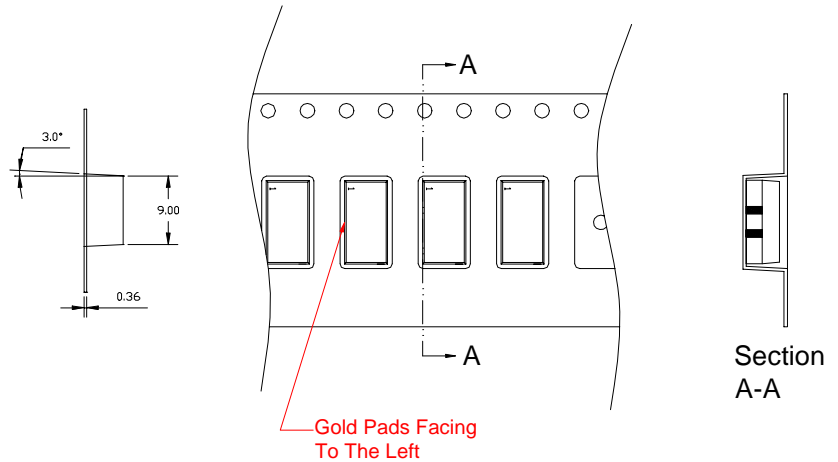
Marking



Packaging



Relay Packaging Orientation



Coil/Relay Characteristics	Conditions at 20°C	Min.	Typ.	Max.	Units
Coil Resistance		135	150	165	Ω
Nominal Voltage			5		VDC
Nominal Rated Power			167		mW
Operate Voltage				3.75	VDC
Release Voltage		0.75			VDC

Contact Data (Form A/dry)				
Contact Rating	Any combination of the switching voltage and current must not exceed the given rated power		10	W
Switching Voltage	DC or Peak AC		170	V
Switching Current	DC or Peak AC		0.5	A
Carry Current	DC or Peak AC		0.5	A
Static Contact Resistance (initial)	Measured with Nominal Voltage		250	mΩ



*Products for
Automotive*

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: CRR05-1A

Part Number: 9605180012

Insulation Resistance	RH 45%, 100V applied	10 ¹²	10 ¹³		Ω
Breakdown Voltage	Voltage applied for 1 minute min.	210			VDC
Operate Time, including Bounce	Measured with Nominal Voltage		0.1		ms
Release Time	Measured with no coil suppression		0.02		ms
Capacitance			0.1		pF

Environmental Data					
Insulation Resistance Coil to Contact	RH 45%, 100V applied	10 ¹³	10 ¹⁴		Ω
Dielectric Strength Coil to Contact		1.5			kV DC
Shock	½ sine wave, duration 11ms			50	G
Vibration	from 10 - 2000 Hz			10	G
Operating Temperature	10°C/min max. allowable	-40		125	°C
Storage Temperature	10°C/min max. allowable	-55		125	°C
Soldering Temperature	5 sec. at			260	°C
Cleaning		fully sealed			
Material of Case		Ceramic			
Sealing Compound		Mineral filled epoxy			
Material of Pads		Au plated			
Remarks					

Customer / Customer part number	
---------------------------------	--