



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

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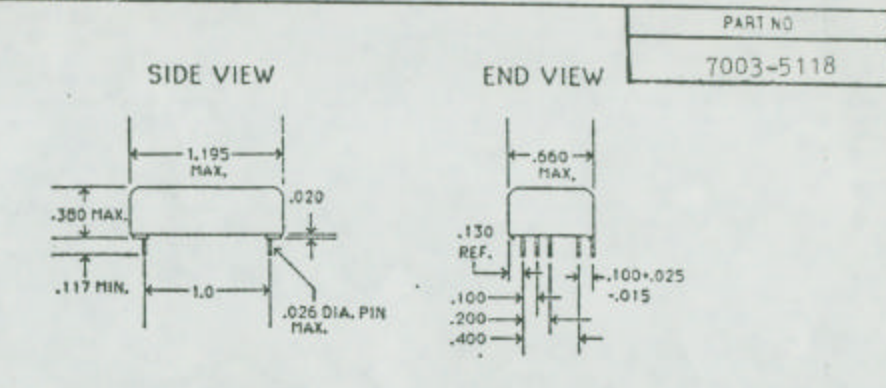
Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China

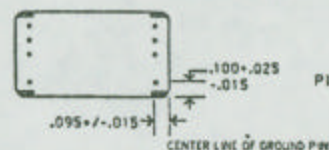


PARAMETER	TEST CONDITIONS	MIN.	NOM.	MAX.	UNITS
Coil Resistance		270	300	330	Ohms
Nom. Voltage			5.0		VDC
Must Operate				3.75	VDC
Must Release		0.4			VDC
Max. Switch Voltage	DC Peak AC			200	Volts
Max. Switch Current	DC Peak AC Resistive			0.5	Amps
Max. Carry Current	DC Peak AC			1.0	Amps
Max. Contact Rating	DC Resistive			10.0	Watts
Life Expectancy	At Signal Level	SEE NOTE			$\times 10^6$ OPERATIONS
	At Rated Load	SEE NOTE			$\times 10^6$ OPERATIONS
Static Contact Resistance (Initial)	0.050 Volt, 10 mA Contact Load			0.100	Ohms
Dynamic Contact Resistance (Initial)	0.5 Volt, 50 mA Load 100 Hz, 1.5 msec after coil energized			0.200	Ohms
Insulation Resistance	Between all isolated pins @ 100 V 25 deg. C, 40% relative humidity	10^{10}			Ohms
Dielectric Strength (Minimum)	Between Contacts	AC VRMS	300		Volts
	Contacts to Shield		*		
	Contacts and Shield to Coil	AC VRMS	1,600		Volts
Operating Time (Including Bounce)	At Nominal Voltage 30 Hz Sq. wave		0.5	1.0	msec.
Released Time	Zener Diode Clamp Coil Suppression		0.1	0.5	msec.

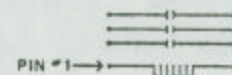
CAPACITANCE: Across open contacts: 1.5 pF max.
 Open contacts to coil: 2.9 pF max.
 Closed contacts to coil: 5.6 pF max.
 Between adjacent switches: 1.7 pF max.
 * Switch #1 250VAC VRMS.



BOTTOM VIEW



SCHEMATIC (BOTTOM VIEW)



ALL DIMENSIONS ARE IN INCHES.
 BLACK DOT ON TOP DENOTES PIN #1
 ALL RELAYS ARE ENCAPSULATED IN A MAGNETICALLY SHIELDING STEEL SHELL THAT HAS BEEN COATED WITH A BRIGHT CHEMICALLY RESISTANT AND INSULATING EPOXY.

NOTE: SWITCH #1 TO ACTUATE 25 μ SEC BEFORE SWITCHES #2 AND #3 WITH THE COIL DRIVEN AT 5.0 VOLTS, 10 HZ MAX.

LIFE EXPECTANCY:

AT SIGNAL LEVEL: 5.0 V - 1.0 mA: 250×10^6 operations nominal.
 AT RATED LOAD: 20.0 V - 0.5 Amp: 5×10^6 operations nominal.
 150.0 VDC, 50 mA. with 300 mA. inrush current upon closure: 1×10^6 operations nominal.

All parameters specified per EIA/NARM standard for dry relays No. RS-421 & RS-436. Specifications subject to change without notice. Unless otherwise noted, all parameters specified @ 25°C, 40% RH.

REVISION			CUST. P/N: MA-0256-100	
	DRAWN: T.J.	APPROVE: <i>HS</i>	DATE: 10/17/89	NAME: REED RELAY, 3 FORM A
			SCALE: N/A	PART NO.: 7003-5118
	FOR: GOULD/MODICON		COTO CORPORATION 55 Dupont Dr. Prov., RI	