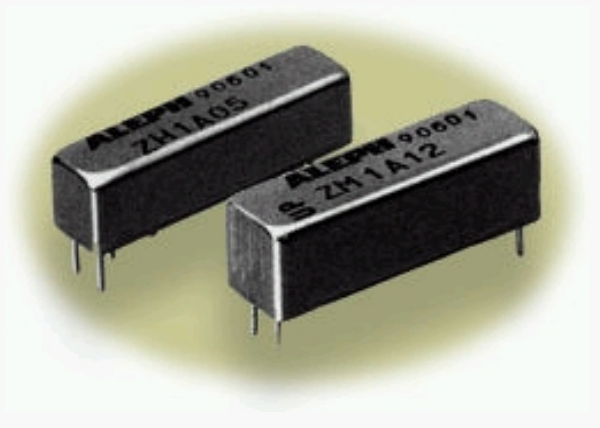
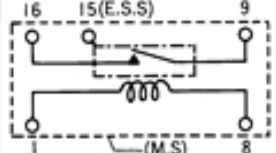
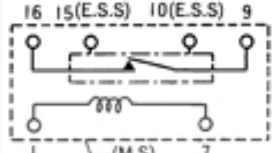
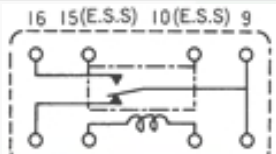


Ultra Compact/Z Series

Ultra compact package
 Coaxial shields on some models
 Metal can for interference immunity
 Various contact configurations



Coil Ratings

Part Number	Nominal Voltage (VDC)	Coil Resistance (ohms) $\pm 10\%$	Operate Voltage (VDC) max.	Release Voltage (VDC) min.	Schematics
ZA1A**AZ	5 12	150 680	3.8 9.0	0.5 1.0	
ZH1A**AZ (for RF applications)	5 12	250 1200	3.8 9.0	0.5 1.0	
ZC1C**CZ	5 12	100 250	3.8 9.0	0.5 1.0	

TAMB. = +20°C
 (M.S.) : Magnetic Shield

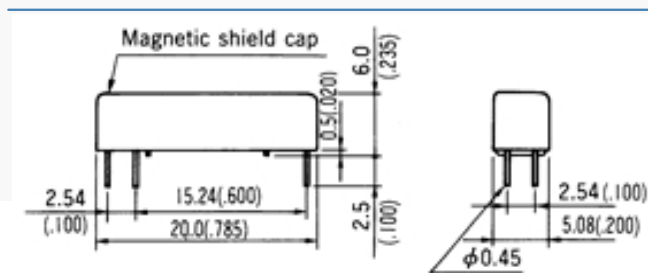
Contact Ratings

Parameters	ZA1A**AZ ZH1A**AZ	ZC1C**CZ
Power (W) max.	10	3
Voltage (VDC) max.	200	100
Switching Current (A) max.	0.5	0.25
Carry Current (A) max.	1.0	0.5
Contact Resistance (ohms) max. (initial)	0.15	0.15
Breakdown Voltage (VDC) min.	Open Contact	250
	Contact to Coil	500
Insulation Resistance (ohms) min.	Open Contact	10^{10}
	Contact to Coil	10^{10}
Operate Time (mS) max (incl. bounce)	1.0	2.0
Release Time (mS) max.	0.5	2.5
Electrical Life	Low Level	10^8 (10mVDC, 10 μ A)
	Rated Load	6×10^5 (20VDC, 0.5A)
		5×10^6 (10VDC, 4mA)
		2×10^6 (12VDC, 0.25A)

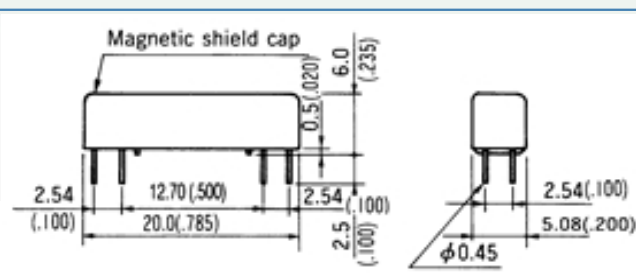
(resistive loads)

Dimensions

ZA Series



ZH - ZC Series



RF Characteristic Curves

ZH1A __ AZ

