

Features

- * **Miniature mercury wetted reed relay, 4 poles, form A**
- * **PCB Mounting**
- * **Fully encapsulated**
- * **Plastic case**

Technical data

Input Data/Coil Data	Conditions		unit
Nominal voltage		20	V
Coil resistance	+/- 10 %	440	Ohm
Must operate / Pull in		16	V
Must release / Drop out		2.4	V
Nominal input power		910	mW

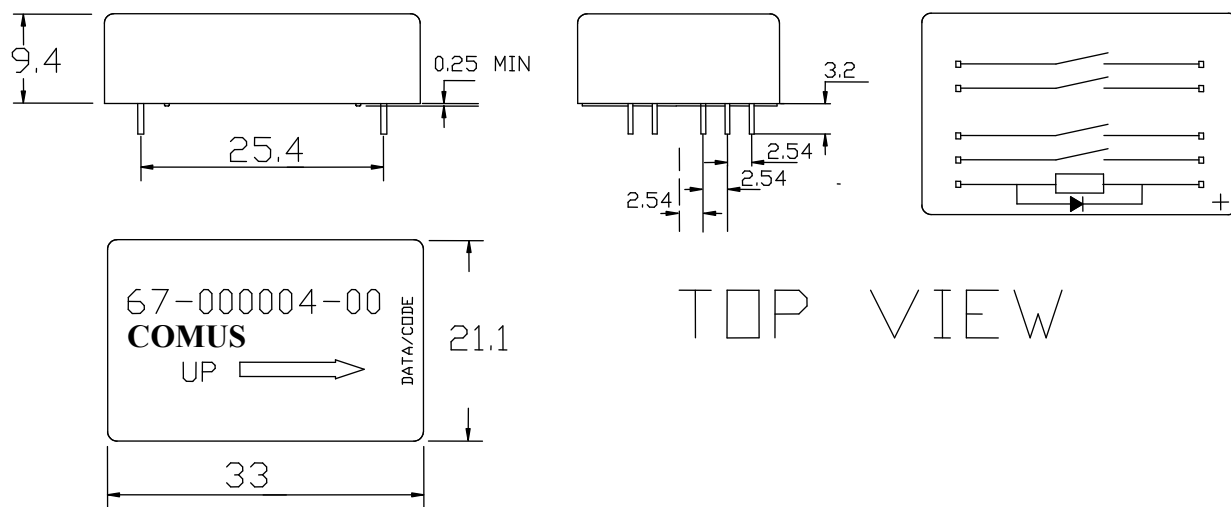
Output Data/Contact Data	Conditions		unit
Max. switching power	Max DC/PeakAC Resistive	50	W/VA
Max. switching voltage	Max DC/PeakAC Resistive	500	V
Max. switching current	Max DC/PeakAC Resistive	2	A
Max. carry current	Max DC/PeakAC Resistive	3	A
Max. contact resistance	50 mV, 10 mA	70	mOhm
Life expectancy, min	1 V, 10 mA	1 x 10 ⁹	Ops.
Contact material		Mercury	

Relay parameters	Conditions	MIN	TYP	MAX	UNITS
Insulation resistance	between contacts	10 ¹⁰			Ohms
	Between contact and coil at 500 V, 25°C, 40% RH	10 ¹⁰			Ohms
Operate time	At nominal coil voltage, 10 Hz Sq.W.			2.0	ms
Release time	Zener-diode suppression			2.0	ms
Dielectric Strength	Between contacts	1850			VDC/Peak AC
	Contacts to coil	1850			VAC

Environmental Ratings

Operating temperature		-10	85	°C
Storage temperature		-40	105	°C
Shock resistance	1/2 sine wave duration 11 ms		30	g
Vibration resistance	10 to 500 Hz		10	g
Weight				grams
Terminal solderability	IEC 68-2-20 test Ta, method 1, solderbath temp 235°C, immersion time 2 sec			
Resistance to solder heat	IEC 68-2-20 test Tb, method 1A, solderbath temp 260°C, immersion time 10 sec			

Dimensions in mm



Ordering Information

GUP 40003