

查询"161A-2"供应商

# SUB MINIATURE SIL REED RELAYS Series 160

The Astralux 160 Series single-in-line reed relays comply with internationally recognised I.C style packaging. Available in a standard 4 pin reduced profile package the design provides a normally open contact and a range of coil voltages, with optional diode protection provided.

## Design features

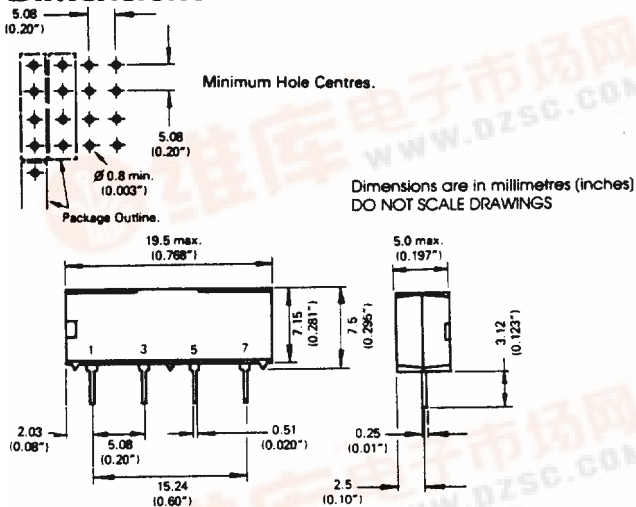
- ★ SIL for maximum board density
- ★ High density in line pin spacing
- ★ Low profile for 0.5 inch board spacing
- ★ Automatic Insertion potential
- ★ Moulded package resistant to moisture ingress from cleaning agents
- ★ High input/output isolation to all points
- ★ Stable contact resistance
- ★ Fast operate and release times
- ★ Standoff pads on body



## Technical data

CONTACT RATING DC (Max)	VDC	AMPS	WATTS
	100	0.5	10
CONTACT RESISTANCE (Initial)	150 milliohms.		
ISOLATION VOLTAGE Contact to Contact Coil to Contact	250v d.c. minimum		
	1500v d.c. typical		
INSULATION RESISTANCE Coil to Contact Contact to Contact	10 <sup>12</sup> ohms at 25°C and 40% RH measured at 85v d.c.		
	10 <sup>12</sup> ohms at 25°C and 40% RH measured at 85v d.c.		
OPERATE TIME @ NOM.COIL DRIVE INC. BOUNCE	0.5ms.		
CONTACT LIFE	5 x 10 <sup>6</sup> Operations at full load		
	250 x 10 <sup>6</sup> Operations at signal loads.		
TEMPERATURE RANGE	Operate -40°C to +85°C.		
	Storage -40°C to +125°C		
TERMINAL FINISH	Reflow Tin Plate.		

## Dimensions



## Coil data (@ 25°C)

FORM	CIRCUIT SCHEMATICS	PART NUMBER	NOM. COIL VOLTAGE	COIL RES. ±10% at 25°C	MUST OP. VOLTS	MUST REL. VOLTS	MAX. VOLTS
SIL 4 pin 1 FORM A		161A-1	5V	500Ω	3.5V	0.8V	10V
		161A-3	12V	1000Ω	8.6V	1.5V	18V
		161A-5	15V	1000Ω	11.5V	2.0V	30V
		161A-7	24V	2000Ω	17.1V	2.5V	40V
SIL 4 pin 1 FORM A		161A-2	5V	500Ω	3.5V	0.8V	10V
		161A-4	12V	1000Ω	8.6V	1.5V	18V
		161A-6	15V	1000Ω	11.5V	2.0V	30V
		161A-8	24V	2000Ω	17.1V	2.5V	40V

CAUTION: This product contains a glass capsule and should not be opened or dismantled.