

**Sea & Land Integrated Corp.**

12F, 171-1 Sec. 2, Ta-Tung Road,  
Hsi-Chih City, Taipei Hsien,  
Taiwan, R.O.C.

Tel.: 886-2-8692-6001  
Fax.: 886-2-8692-6080

**Techfuse**  
**PTC Devices**  
Resettable Fuse

PRODUCT: R16-185  
DOCUMENT: QR0429  
ECN. NO.:  
REV LETTER:  
REV DATE: 2020/12/16  
PAGE NO.: 1 of 1

# Specification Sheet

Insulating Material:  
Meets UL94 V-0 Requirements

Lead-free, RoHS Compliant

Lead Material:  
Tin Plated Copper-Clad Steel, 24AWG (0.51mm/0.020"Dia)

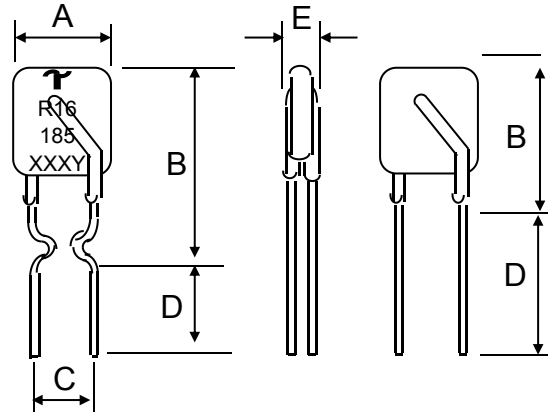
Marking:

└── Sea&Land Logo  
↑

R16 - Radial Type 16V

185 - Hold Current

XXXY - Date Code & Factory Code



**TABLE I. DIMENSIONS:**

	A	B	C	D	E
	Max.	Max.	Typ.	Min.	Max.
mm	10.2	15.7	5.1	7.6	3.1
in	0.40	0.62	0.20	0.30	0.12

**TABLE II. PERFORMANCE RATINGS:**

Model Number	V <sub>max</sub> (Vdc)	I <sub>max</sub> (A)	I <sub>hold</sub> @25°C (A)	I <sub>trip</sub> @25°C (A)	P <sub>d</sub> Max. (W)	Maximum Time To Trip		Resistance	
						Current (A)	Time (Sec)	R <sub>imin</sub> (Ω)	R <sub>1max</sub> (Ω)
R16-185	16	100	1.85	3.70	1.00	8.00	10.0	0.030	0.090

Recognition:

2015/863/EU  
EN14582

