

**SEA&LAND ELECTRONIC CORP.**

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

PRODUCT: HPD190S  
DOCUMENT: QR0429  
ECN. NO.:  
REV LETTER:  
REV DATE: 2010/7/1  
PAGE NO.: 1 of 1

# Specification Sheet

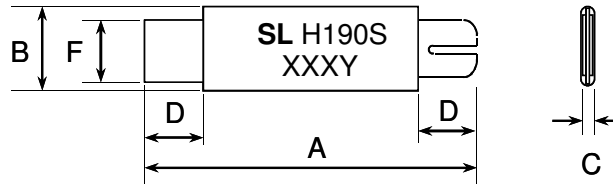
Insulating Material:  
meets UL94 V-0 Requirements

Lead-free, RoHS Compliant

Lead Material:  
Nickel  
0.11mm nominal thickness

Marking:

┌──────────┐ Sea & Land Logo  
**SL H190S** – Part identification  
    **XXXY** – Lot identification



**TABLE I. DIMENSIONS:**

	A		B		C		D		F	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
mm	19.9	22.1	4.9	5.5	0.6	1.0	5.5	7.5	3.9	4.1
in	0.78	0.87	0.19	0.22	0.02	0.04	0.22	0.30	0.15	0.16

**TABLE II. PERFORMANCE RATINGS:**

Model	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> Typ. (W)	Maximum Time To Trip		Resistance		
						Current (A)	Time (Sec)	R <sub>i min</sub> (Ω)	R <sub>i max</sub> (Ω)	R <sub>1 max</sub> (Ω)
HPD190S	15	100	1.90	3.9	1.2	9.5	5.0	0.039	0.072	0.102

## Ordering Information

## Packing

HPD	190	S	Bag Q'ty
Product name	Hold Current (A)	S= Single slitted lead Blank = Standard	HPD190S 500 pieces / bag

Recognition: UL / TÜV , approved.



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