

**SEA&LAND ELECTRONIC CORP.**

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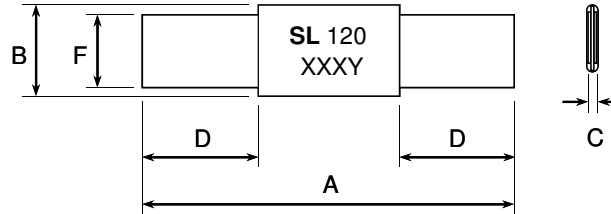
**Techfuse**  
**PTC Devices**  
Resettable Fuse

PRODUCT: MHD series  
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, meets RoHS

Lead Material:  
Nickel  
0.11mm nominal thickness



**Marking:**

- ┌──────────┐ Sea & Land Logo
- SL120**     - Part identification
- XXX**       - Lot identification

**TABLE I. DIMENSIONS:**

Model	A		B		C		D		F	
	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
MHD120(S)	19.9	22.1	4.9	5.2	0.6	1.0	5.5	7.5	3.9	4.1
MHD175(S)	20.9	23.1	4.9	5.2	0.6	1.0	4.1	5.5	3.9	4.1
MHD200	21.3	23.4	10.2	11.0	0.6	1.0	5.0	7.6	4.8	5.4
MHD350	28.4	31.8	13.0	13.5	0.6	1.0	6.3	8.9	6.0	6.6
MHD420	30.6	32.4	12.9	13.6	0.6	1.0	5.0	7.5	6.0	6.7
MHD120LR(S)	19.9	22.1	4.9	5.2	0.6	1.0	5.5	7.5	3.9	4.1
MHD175LR(S)	20.9	23.1	4.9	5.2	0.6	1.0	4.1	5.5	3.9	4.1
MHD200LR	21.3	23.4	10.2	11.0	0.6	1.0	5.0	7.6	4.8	5.4

**TABLE II. PERFORMANCE RATINGS:**

Model	Vmax (V)	Imax (A)	Ihold @25°C (A)	Itrip @25°C (A)	Pd (Typ.) (W)	Maximum Time to Trip		Resistance (Ω)		
						(A)	(Sec.)	Initial (Ri)		R1
								Min.	Max.	
MHD120(S)	15	100	1.20	2.7	1.2	6	5	0.085	0.160	0.220
MHD175(S)	15	100	1.75	3.8	1.5	9	4	0.050	0.090	0.120
MHD200	24	100	2.00	4.4	1.9	10	4	0.030	0.060	0.100
MHD350	24	100	3.50	6.3	2.5	20	3	0.017	0.031	0.050
MHD420	24	100	4.20	7.6	2.9	20	6	0.012	0.024	0.040
MHD120LR(S)	15	100	1.70	3.8	1.2	9	5	0.05	0.09	0.120
MHD175LR(S)	15	100	2.20	4.5	1.5	11	4	0.030	0.050	0.080
MHD200LR	24	100	2.80	6.0	1.9	14	5	0.018	0.036	0.055

**Ordering Information**

**Packing**

MHD	120	S	Bag Q'ty
Product name	Hold Current (A)	S= Single slitted lead Blank = Standard	MHD 120(S) 175(S) 1000 pieces / bag MHD 200 350 420 500 pieces / bag