

SEA&LAND ELECTRONIC CORP.

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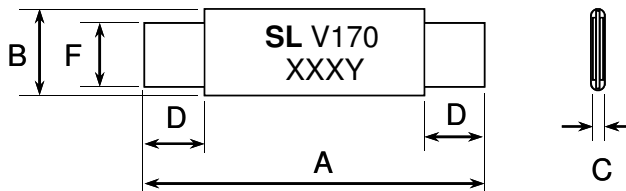
Techfuse
PTC Devices
 Resettable Fuse

PRODUCT: VLD 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
- SL V170** – Part identification
- XXX Y** – Lot identification

TABLE I. DIMENSIONS:

| Model | A | | B | | C | | D | | F | |
|------------|------|------|------|------|------|------|---------|----------|------|------|
| | Min. | Max. | Min. | Max. | Min. | Max. | D1 | D2 | Min. | Max. |
| VLD170(S) | 15.4 | 17.5 | 7.0 | 7.4 | 0.5 | 0.8 | 4.0~6.2 | | 3.9 | 4.1 |
| VLD170X(S) | 20.9 | 22.9 | 4.9 | 5.3 | 0.5 | 0.8 | 6.0~8.6 | | 3.9 | 4.1 |
| VLD175L | 25.8 | 28.0 | 3.5 | 3.9 | 0.6 | 0.8 | 6.0~7.0 | 9.0~11.0 | 2.4 | 2.6 |
| VLD175DII | 18.0 | 19.5 | 3.5 | 3.9 | 0.6 | 0.8 | 3.0~4.8 | | 2.9 | 3.1 |
| VLD210(S) | 20.9 | 23.1 | 4.9 | 5.3 | 0.6 | 0.8 | 4.1~5.8 | | 3.9 | 4.1 |

TABLE II. PERFORMANCE RATINGS:

| Model | Vmax (V) | Imax (A) | Ihold @25°C (A) | Itrip @25°C (A) | Pd (Typ.) (W) | Maximum | | Resistance (Ω) | | |
|------------|-------------|-------------|-----------------------|-----------------------|---------------------|--------------|--------|----------------|-------|-------|
| | | | | | | Time to Trip | | Initial (Ri) | | R1 |
| | | | | | | (A) | (Sec.) | Min. | Max. | |
| VLD170(S) | 16 | 100 | 1.70 | 3.4 | 1.4 | 8.5 | 3 | 0.027 | 0.052 | 0.105 |
| VLD170X(S) | 16 | 100 | 1.70 | 3.4 | 1.4 | 8.5 | 5 | 0.027 | 0.052 | 0.105 |
| VLD175L | 16 | 100 | 1.75 | 3.6 | 1.4 | 8.75 | 5 | 0.026 | 0.051 | 0.102 |
| VLD175DII | 16 | 100 | 1.75 | 3.6 | 1.4 | 8.75 | 5 | 0.026 | 0.040 | 0.080 |
| VLD210(S) | 16 | 100 | 2.10 | 4.7 | 1.5 | 10 | 5 | 0.015 | 0.030 | 0.060 |

Ordering Information**Packing**

| VLD | 170 | S or SS | Bag Q'ty |
|--------------|------------------|--|-------------------|
| Product name | Hold Current (A) | S= Single slitted lead SS=Double slitted lead Blank = Standard | 1000 pieces / bag |

Recognition: UL / TÜV , approved.



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