

SEA&LAND ELECTRONIC CORP.

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Techfuse
PTC Devices
 Resettable Fuse

PRODUCT: VLD170SS
 DOCUMENT: QR0429
 ECN. NO.:
 REV LETTER: A
 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

Slit:
 0.5mm*4.0mm norm.

Marking:

Sea & Land Logo
SL V170SS —Part identification
 XXXY—Lot identification

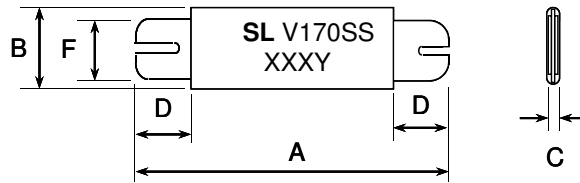


TABLE I. DIMENSIONS:

| | A | | B | | C | | D | | F | |
|----|------|------|------|------|------|------|------|------|------|------|
| | MIN | MAX | MIN | MAX | MIN | MAX | MIN | MAX | MIN | MAX |
| mm | 15.4 | 17.5 | 7.0 | 7.4 | 0.5 | 0.8 | 4.0 | 6.2 | 3.9 | 4.1 |
| in | 0.61 | 0.69 | 0.28 | 0.29 | 0.02 | 0.03 | 0.16 | 0.24 | 0.15 | 0.16 |

TABLE II. PERFORMANCE RATINGS:

| Model | V _{max} (Vdc) | I _{max} (A) | I _{hold} @25°C (A) | I _{trip} @25°C (A) | P _d Typ. (W) | Maximum Time To Trip | | Resistance | | |
|----------|---------------------------|-------------------------|-----------------------------------|-----------------------------------|-------------------------------|-------------------------|---------------|---------------------------|---------------------------|---------------------------|
| | | | | | | Current (A) | Time (Sec) | R _{i_min} (Ω) | R _{i_max} (Ω) | R _{1_max} (Ω) |
| VLD170SS | 16 | 100 | 1.70 | 3.4 | 1.4 | 8.50 | 3.0 | 0.027 | 0.052 | 0.105 |

Ordering Information

Packing

| VLD | 170 | 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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