



# Frontier Electronics Corp.

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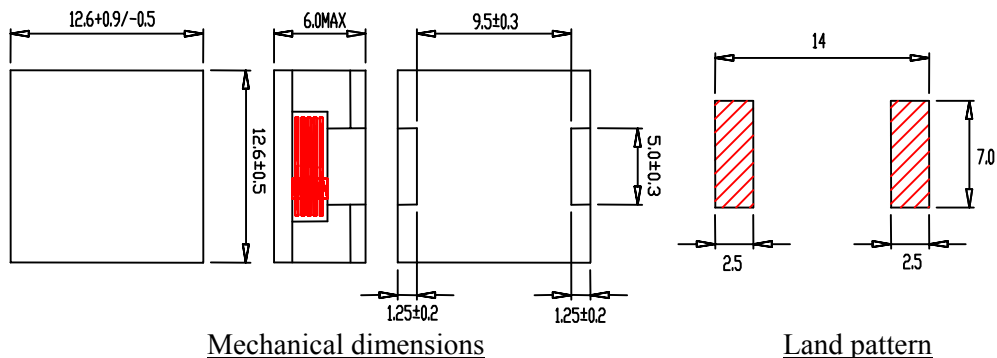
Web: frontierusa.com

## SMD Power Choke (Shielded)—CSH1260ER series

### A. Electrical specifications:

| Part No.       | Mark | L (uH)<br>± 20% | Test Freq. | DCR<br>(mΩ max.) | Rated current<br>(A) | L (μH) Typ.<br>@Rated Current |
|----------------|------|-----------------|------------|------------------|----------------------|-------------------------------|
| CSH1260ER-0R5M | 0R5  | 0.5             | 100        | 1.3              | 30                   | 0.4                           |
| CSH1260ER-1R0M | 1R0  | 1.0             | 100        | 2.2              | 22                   | 0.76                          |
| CSH1260ER-1R5M | 1R5  | 1.5             | 100        | 3.3              | 20                   | 1.20                          |
| CSH1260ER-2R2M | 2R2  | 2.2             | 100        | 4.0              | 17                   | 1.70                          |

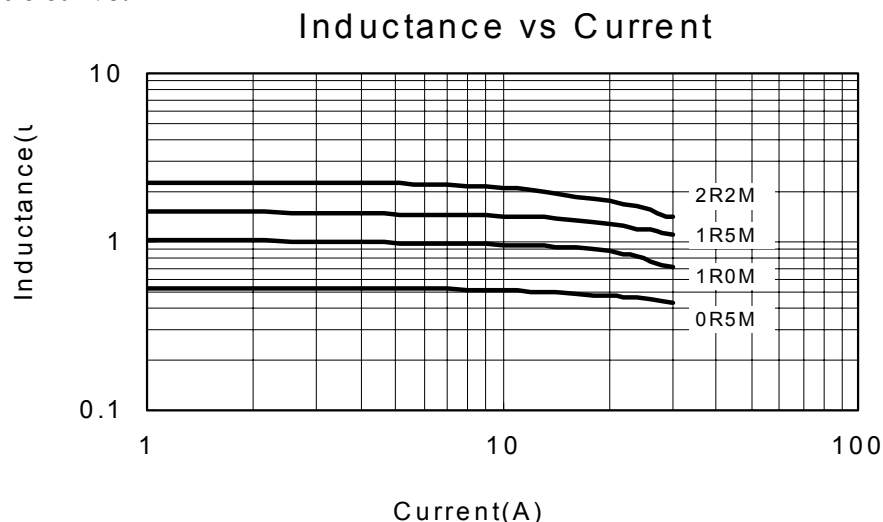
### B. Mechanical dimensions: (Unit: mm)



### C. Features:

1. Tolerance: M: ± 20%.
2. Operating temperature: -30°C TO +100°C.
3. Inductance measured on the HP4284A or HP4285A LCR meter.
4. DCR measured on the 502BC milli-ohm meter.
5. Inductance drops no more than 25% at rated current applied or temperature increases  $\Delta t < 40^\circ\text{C}$ .
6. Inductance and Current range: CSH1260ER: From 0.50uH(30.0A) to 2.2uH(17.0A).

### D. Characteristic curve:



*Note: RoHS compliant; for the ROHS parts, we add “-LFR” at the end of the P/N.*