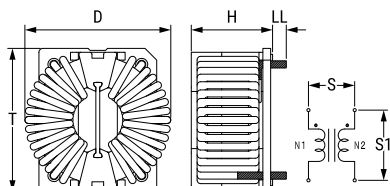


**KEMET Part Number: SCT25XV-190-1R8A008JH**  
(UALCT250008JH0)



KEMET, SCT-XV, AC Line Filters, Common Mode, 0.51 mH



### General Information

|                        |   |
|------------------------|---|
| <b>Series:</b>         | SCT-XV                                      |
| <b>Style:</b>          | Through-Hole                                |
| <b>Features:</b>       | High Impedance, High Rated Voltage          |
| <b>RoHS:</b>           | Yes   |
| <b>Qualifications:</b> | AEC-Q200                                    |
| <b>Notes:</b>          | Lead Spacing (S/S1) Are For Reference Only. |
| <b>Miscellaneous:</b>  | Temperature Rise Maximum: 55 K              |
| <b>Core:</b>           | Mn-Zn Ferrite                               |

### Dimensions

|                  |                |
|------------------|----------------|
| <b>D</b>         | 38.5mm MAX     |
| <b>T</b>         | 33.5mm MAX     |
| <b>H</b>         | 27.5mm MAX     |
| <b>LL</b>        | 3.5mm +/-0.5mm |
| <b>S</b>         | 20.5mm NOM     |
| <b>S1</b>        | 24.5mm NOM     |
| <b>Wire Size</b> | 1.8mm          |

### Specifications

|                           |              |
|---------------------------|--------------|
| <b>Voltage AC:</b>        | 1000 VAC/VDC |
| <b>Voltage DC:</b>        | 1000 VDC     |
| <b>Inductance:</b>        | 0.51 mH      |
| <b>Current:</b>           | 19 A         |
| <b>Temperature Range:</b> | -40/+150°C   |
| <b>DC Resistance:</b>     | 3.07 mOhms   |

### Packaging Specifications

|                            |        |
|----------------------------|--------|
| <b>Packaging:</b>          | Tray   |
| <b>Packaging Quantity:</b> | 120    |
| <b>Component Weight:</b>   | 48.8 g |

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