

Suffix XX = Available Options

CG = Cradle to Grave Docs - Production Inspection Report AC = Army Corps Test Report

MT = Custom Mounting, PKG = Custom Packaging, SP = Special Custom Requirement

LV1A-H-2L-100A-250V-XX  
 LV1A-H-3L-100A-250V-XX  
 LV1A-H-4L-100A-250V-XX  
 LV1A-H-2L-100A-480V-XX  
 LV1A-H-3L-100A-480V-XX  
 LV1A-H-4L-100A-480V-XX

LOW VOLTAGE HEMP 2 LINE, 100 AMP. 250 VAC-XX  
 LOW VOLTAGE HEMP 3 LINE, 100 AMP. 250 VAC-XX  
 LOW VOLTAGE HEMP 4 LINE, 100 AMP. 250 VAC-XX  
 LOW VOLTAGE HEMP 2 LINE, 100 AMP. 277/480 VAC-XX  
 LOW VOLTAGE HEMP 3 LINE, 100 AMP. 277/480 VAC-XX  
 LOW VOLTAGE HEMP 4 LINE, 100 AMP. 277/480 VAC-XX



**Mil-Std-188-125-1A PCI test results**

LV1A-H-100 amp filters: Jaxon Engineering & Directed Energy Tech.

| Title               | Jaxon Legend | Jaxon Max Peak Current 10A | DEtech Legend % of 2500A | Max Peak Current 10A |
|---------------------|--------------|----------------------------|--------------------------|----------------------|
| LV1A-H-100 - E1 WTG | 25A Shot 1   | 0.26                       | 15%                      | 0.63                 |
| LV1A-H-100 - E1 WTG | 50A Shot 2   | 0.42                       |                          |                      |
| LV1A-H-100 - E1 WTG | 125A Shot 3  | 0.66                       | 25%                      | 0.74                 |
| LV1A-H-100 - E1 WTG | 250A Shot 4  | 0.87                       |                          |                      |
| LV1A-H-100 - E1 WTG | 500A Shot 5  | 1.12                       | 50%                      | 0.94                 |
| LV1A-H-100 - E1 WTG | 1000A Shot 6 | 1.47                       |                          |                      |
| LV1A-H-100 - E1 WTG | 1750A Shot 7 | 2.32                       | 100%                     | 1.5                  |
| LV1A-H-100 - E1 WTG | 2500A Shot 8 | 2.59                       |                          |                      |

**Made in the USA**

| Filter, No. of line | Length mm/In. | Width mm/In. | Depth mm/In. |
|---------------------|---------------|--------------|--------------|
| LV1A-H-2L           | 757/29.8      | 389/15.3     | 228/8.97     |
| LV1A-H-3L           | 757/29.8      | 559/22.0     | 228/8.97     |
| LV1A-H-4L           | 757/29.8      | 737/29.0     | 228/8.97     |

**U.F.G.S. 13 49 20.00 10 Production Test Results**

| Test Description                   | Test Result                                      |
|------------------------------------|--|
| Voltage Drop Measurement           | 2% Max at full rated unity power factor load     |
| Insertion Loss Measurement         | See Figure 1                                     |
| Filter Life Test                   | Meets requirements per UL1283                    |
| Thermal Shock Test                 |  |
| Overload Test                      | Pass   |
| Reactive Shunt Current Measurement | 4.3 RMS / 6.0 Peak                               |
| Dielectric Withstand Voltage       | Pass: Line to Ground 2200 VDC / 1 Minute minimum |
| Insulation Resistance Test         | Pass: 277VAC / 1 Minute >1Mohm                   |
| Current Sharing                    | NA   |
| Harmonic Distortion                |  |
| Terminal Pull Test - 20# max.      | Pass   |

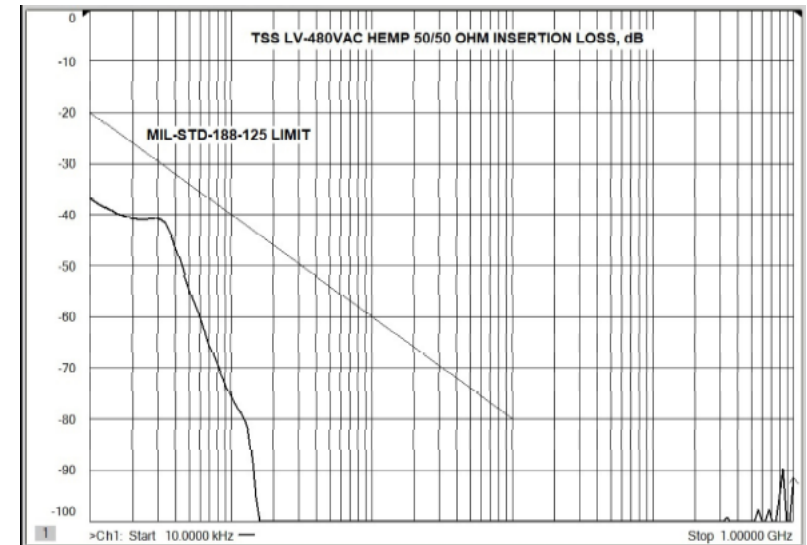


Figure 1



Conforms to  
UL STD 1283