

**CUSTOMER DRAWING**

**SAFETY ORGANIZATIONS**

THIS FILTER HAS BEEN FORMALLY RECOGNIZED, CERTIFIED OR APPROVED BY THE LISTED AGENCY. THEREFORE, ALL TEST/REQUIREMENTS SPECIFIED IN THE LATEST REVISION OF THE FOLLOWING AGENCY STANDARDS HAVE BEEN MET:

- UL RECOGNIZED: UL 1283
- CSA CERTIFIED: CSA C22.2 No. 8
- VDE APPROVED: EN 60939-2

**OPERATING SPECIFICATIONS**

LINE CURRENT/VOLTAGE: 20 AMP, 120/250 VAC,  
16 AMP/40°C, 250 VAC

LINE FREQUENCY: 50-60Hz

MAXIMUM LEAKAGE CURRENT,  
EACH LINE TO GROUND: 0.04mA @ 120V 60Hz  
0.07mA @ 250V 50Hz

OPERATING AMBIENT TEMP. RANGE: -10°C TO +40°C @ RATED CURRENT, I<sub>r</sub>.

**RELIABILITY SPECIFICATIONS:**

STORAGE TEMPERATURE: -40°C TO +85°C  
HUMIDITY: 21 DAYS @ 40°C 95% RH.  
CURRENT OVERLOAD TEST: 6 TIMES I<sub>r</sub> FOR 8 SECONDS

**TEST SPECIFICATIONS:**

INDUCTANCE: N/A  
CAPACITANCE: (MEASURED @ 1KHz, 0.250VAC MAX., 25°C±1°C)  
LINE TO GROUND: 470pF ±20%  
LINE TO LINE: N/A ±20%  
DISCHARGE RESISTOR: N/A MΩ  
L/G AND L/L I.R.  
NO DISCHARGE RESISTOR: 6000MΩ (MIN.) @ 100VDC, 20°C AND 50% RH

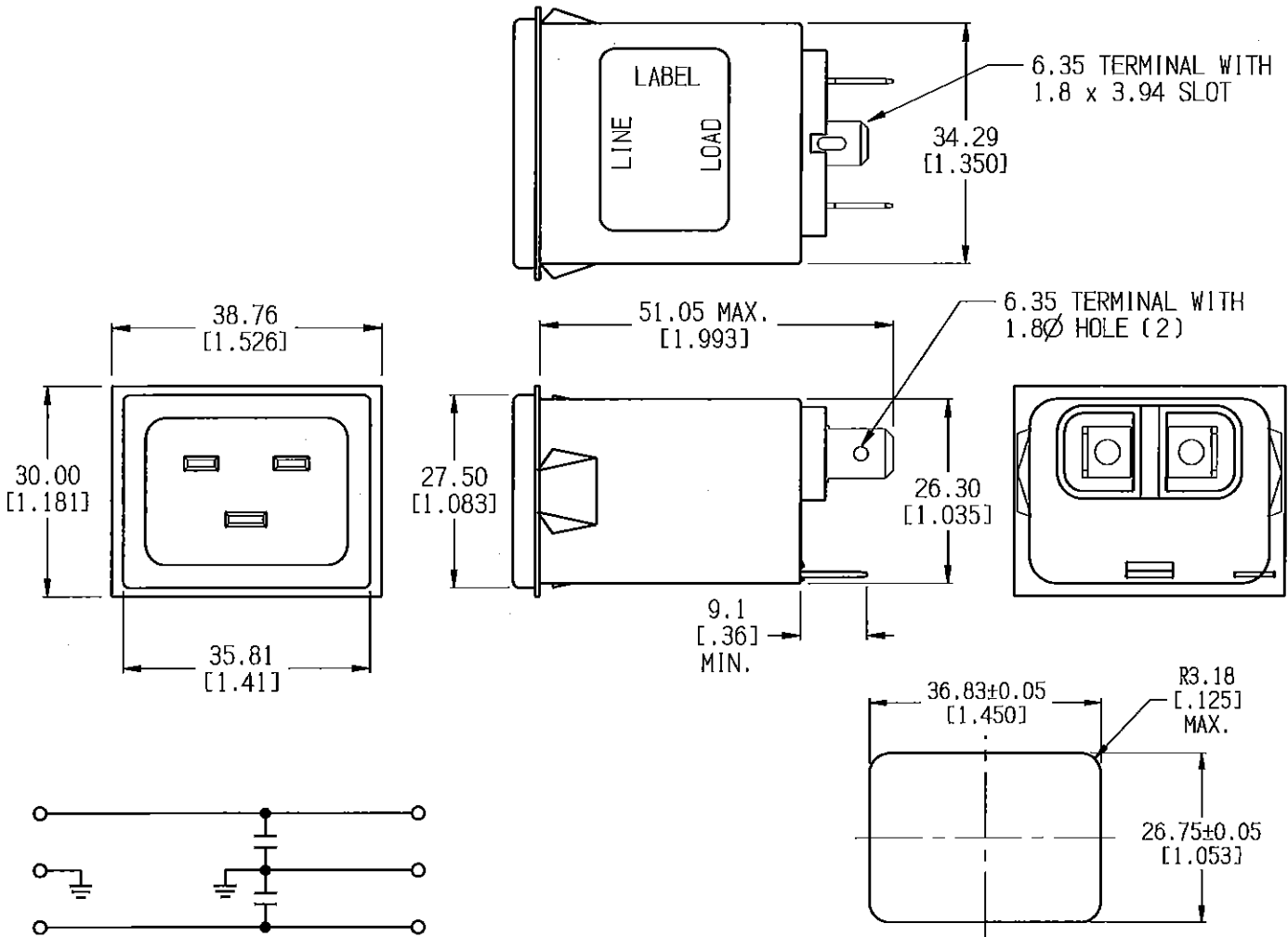
**RECOMMENDED RECEIVING INSPECTION HIPOT:**

LINE TO GROUND: 1500 VAC FOR 1 MINUTE  
LINE TO LINE: 1450 VDC FOR 1 MINUTE

**FILTER APPROVAL:**

THE BEST WAY TO SELECT AND QUALIFY A FILTER IS FOR YOUR ENGINEERING TO TEST THE UNIT IN YOUR EQUIPMENT.

CATALOG # 20SRBS1-W		
ECN#	APPRVD	DATE
15-000476	TAM	19OCT15



PANEL CUTOUT (FRONT MOUNT)  
PANEL THICKNESS: 0.78 - 1.19 REF.  
CONTACT ENGINEERING FOR OTHER PANEL THICKNESSES.

50 Ω - 50 Ω (MINIMUM) INSERTION LOSS										
FREQUENCY Hz	1	5	10	50	100	300	/	/	/	/
COMMON dB	-	2	4	18	13	20	/	/	/	/
DIFF. dB	/	/	/	/	/	/	/	/	/	/
SHEET SIZE	THIRD ANGLE PROJECTION									
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PARTS SHALL COMPLY WITH TYCO ELECTRONICS 138-702 SPECIFICATION FOR HAZARDOUS SUBSTANCES  
UNLESS OTHERWISE SPECIFIED  
TOLERANCE TO BE ±0.64  
MATERIAL & FINISH: AS SUPPLIED  
DIMENSIONS IN MILLIMETERS

NOTES:

**TE** TE Connectivity

**POWER LINE FILTER**

TE PART NO.: 6-1609152-1

SCALE:	1:1	DATE:	13AUG14	DRAWING NUMBER:	20SRBS1-W	REV.	1
DRW. BY:	LJD	DRG:	TAM				

20SRBS1-W 1.ktd

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