

**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: / @ 120V 60Hz  
 / @ 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: 1000pF ±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

CATALOG # 20SRBS1-X

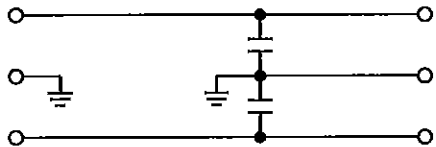
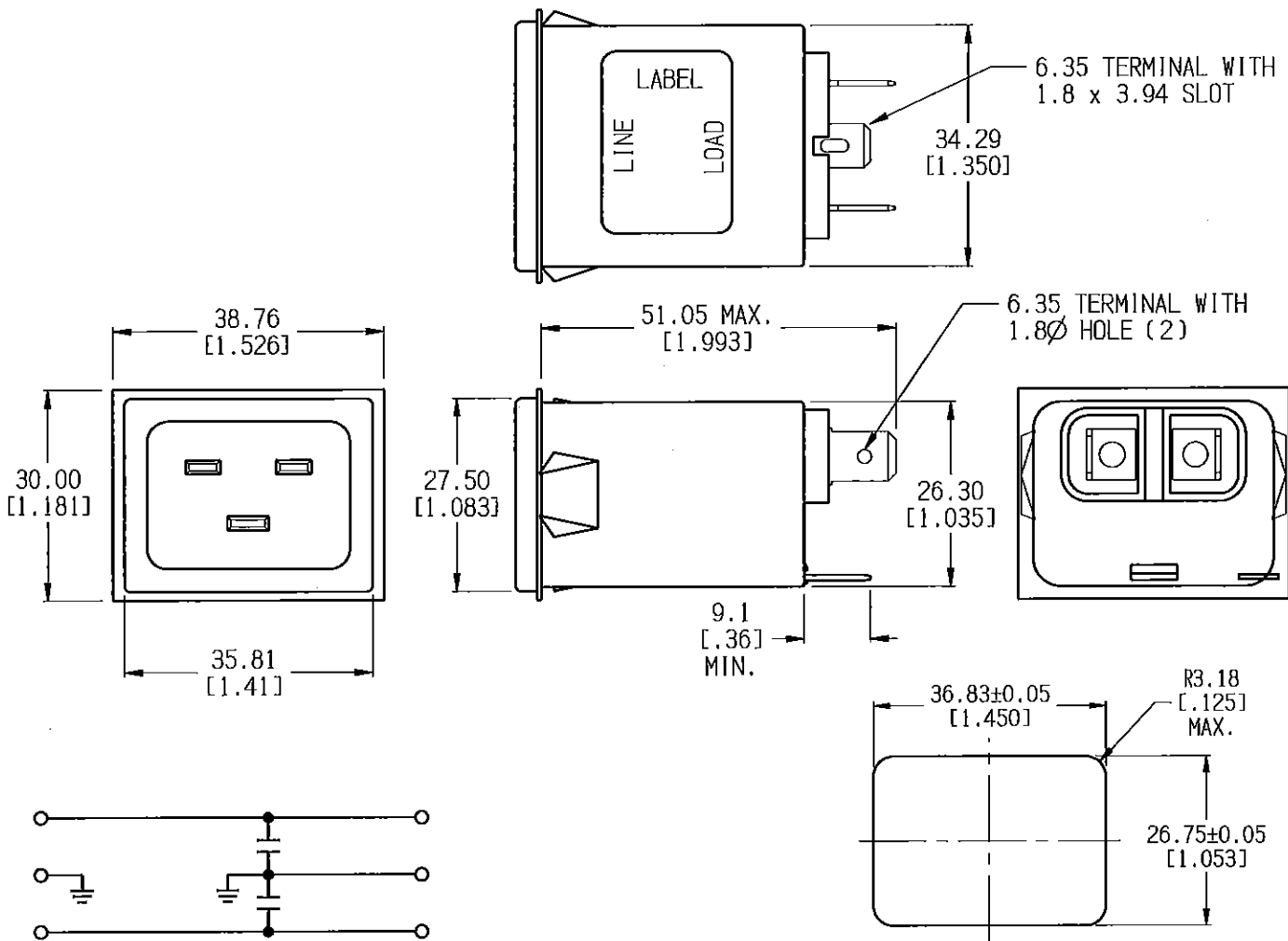
ECN#	APPRVD	DATE
15-000476	TAM	19OCT15

**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.



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

50Ω - 50Ω (MINIMUM) INSERTION LOSS											
FREQUENCY MHz	5	10	50	100	300	/	/	/	/	/	/
COMMON dB	5	9	25	10	17	/	/	/	/	/	/
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:

20SRBS1-X 1.cxd

**TE Connectivity**

**POWER LINE FILTER**

TE PART NO.: 6-1609152-0

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