

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: 0.16mA @ 120V 60Hz
 0.28mA @ 250V 50Hz

OPERATING AMBIENT TEMP. RANGE: -10°C TO +40°C @ RATED CURRENT, I_r .

RELIABILITY SPECIFICATIONS:

STORAGE TEMPERATURE: -40°C TO +85°C
 HUMIDITY: 21 DAYS @ 40°C 95% RH.
 CURRENT OVERLOAD TEST: 6 TIMES I_r FOR 8 SECONDS

TEST SPECIFICATIONS:

INDUCTANCE: N/A
 CAPACITANCE: (MEASURED @ 1KHz, 0.250VAC MAX., 25°C±1°C)
 LINE TO GROUND: 2200 pF±20%
 LINE TO LINE: N/A μF±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

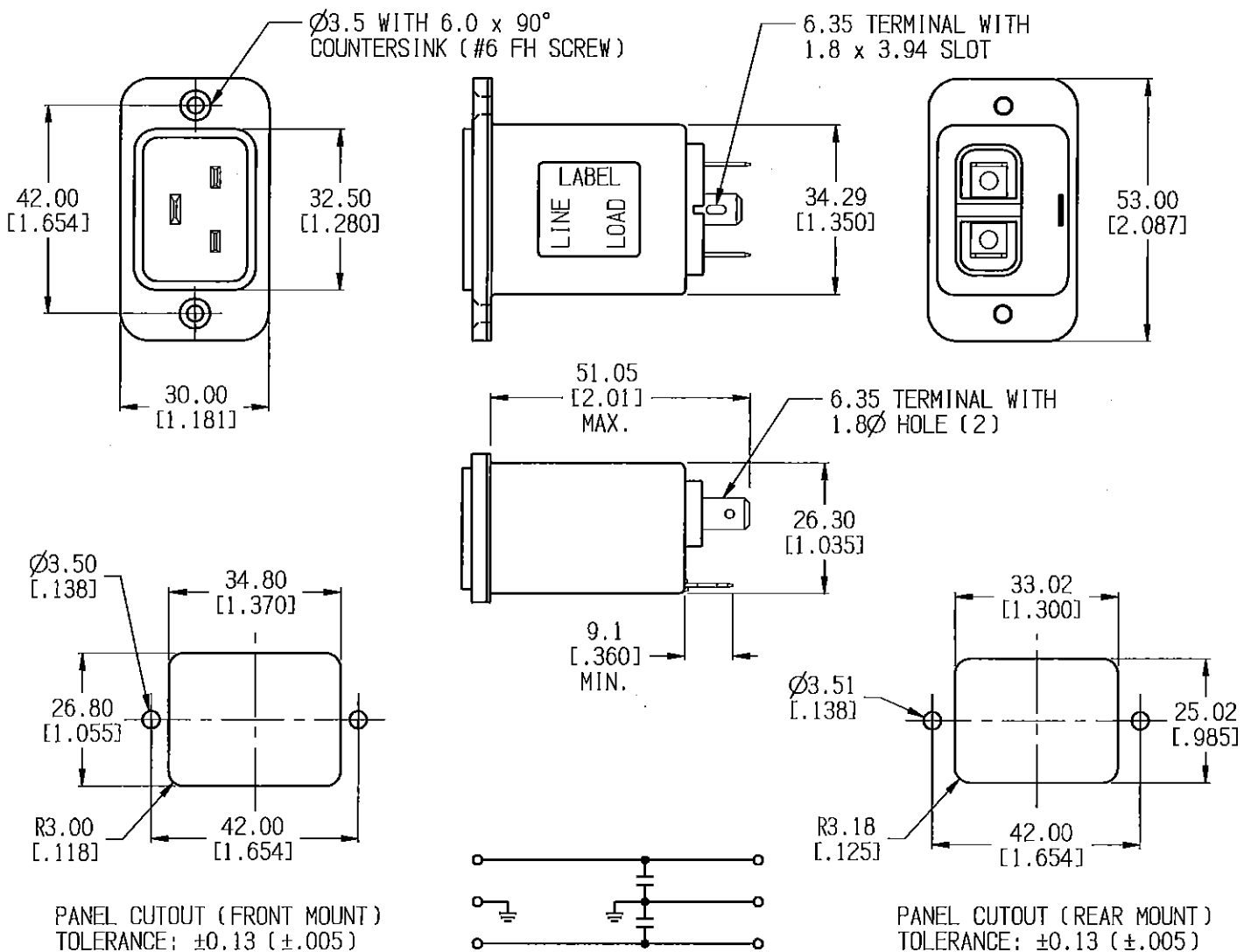
FILTER APPROVAL:

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

CUSTOMER DRAWING

CATALOG # 20SRB1-Y

ECN#	APPRVD	DATE
15-000476	TAM	19OCT15



PANEL CUTOUT (FRONT MOUNT)
 TOLERANCE: ±0.13 (±0.005)

PANEL CUTOUT (REAR MOUNT)
 TOLERANCE: ±0.13 (±0.005)

50Ω - 50Ω (MINIMUM) INSERTION LOSS

FREQUENCY MHz	1	5	10	50	100	300	/	/	/	/	/	/
COMMON dB	1	10	15	20	8	22	/	/	/	/	/	/
DIFF. dB	/	/	/	/	/	/	/	/	/	/	/	/

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:

ETE TE Connectivity

POWER LINE FILTER

TE PART NO.: 5-1609152-3

SCALE:	DATE:	DRAWING NUMBER:	REV.
3/4	14AUG14	20SRB1-Y	1
DRY. BY:	ORIG:	TAM	
LJO			

SHEET SIZE: 100MM X 150MM
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