

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: .07mA @ 120V 60Hz
.13mA @ 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: 1000 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

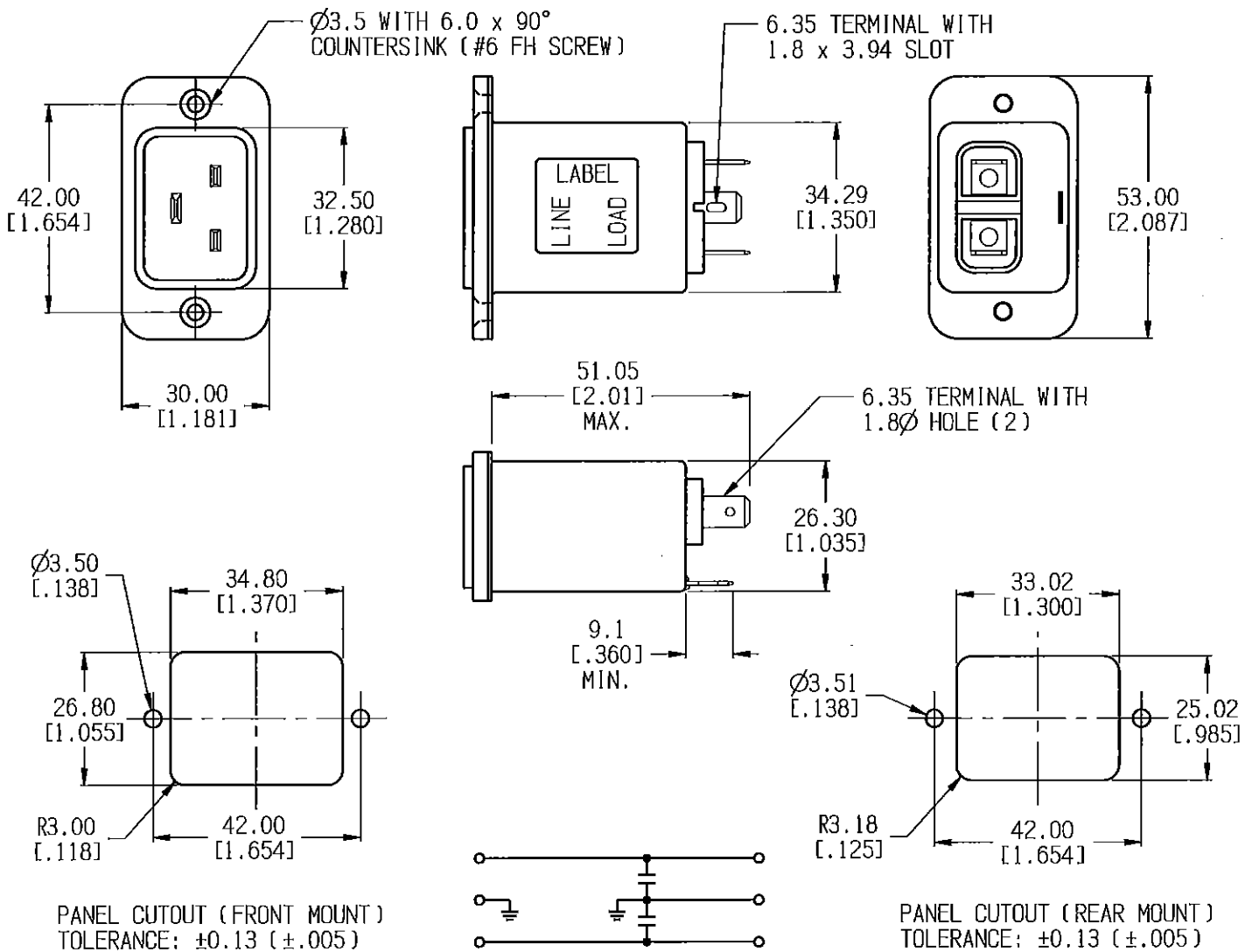
RECOMMENDED RECEIVING INSPECTION HIPOT:

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-X | | |
| ECN# | APPRVD | DATE |
| 15-000476 | TAM | 19OCT15 |



| 50 Ω - 50 Ω (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: | | |
| TE PART NO.: 5-1609152-2 | | REV. 1 |
| SCALE: 3/4 | DATE: 14AUG14 | DRAWING NUMBER: 20SRB1-X |
| DRW. BY: LJD | TRIG: TAM | |



POWER LINE FILTER

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