## CUSTOMER DRAWING SAFETY ORGANIZATIONS RELIABILITY SPECIFICATIONS: CATALOG # 20EJH1 THIS FILTER HAS BEEN FORMALLY RECOGNIZED, CERTIFIED OR APPROVED BY THE LISTED AGENCY. THEREFORE, ALL TEST/REQUIREMENTS SPECIFIED STORAGE TEMPERATURE: -40°C TO +85°C APPRVD DATE ECN# HUMIDITY: 21 DAYS @ 40°C 95% RH. CURRENT OVERLOAD TEST: 6 TIMES In FOR 12-004115 PJ0 03APR12 IN THE LATEST REVISION OF THE FOLLOWING AGENCY STANDARDS 8 SECONDS HAVE BEEN MET: TEST SPECIFICATIONS: UL RECOGNIZED: UL 1283 CSA CERTIFIED: CSA C22.2 No. 8 INDUCTANCE: 0.306 mH NOMINAL VDE APPROVED: EN 60939-2 CAPACITANCE: (MEASURED @ 1KHz, 0.250VAC MAX., 25°C±1°C) LINE TO GROUND: LINE TO LINE: NONE μF±20% 0.100 μF±20% OPERATING SPECIFICATIONS DISCHARGE RESISTOR: 1.0 M介 LINE CURRENT/VOLTAGE: 20 AMP, 120/250 VAC, L/G AND L/L I.R. 16 AMP/40°C, 250 VAC NO DISCHARGE RESISTOR: 6000M ∩ (MIN.) @ 100VDC. 20°C AND 50% RH LINE FREQUENCY: 50-60Hz RECOMMENDED RECEIVING INSPECTION HIPOT: MAXIMUM LEAKAGE CURRENT, EACH LINE TO GROUND: @ 120V 60Hz LINE TO GROUND: 1500 VAC FOR 1 MINUTE @ 250V 50Hz LINE TO LINE: 1450 VDC FOR 1 MINUTE OPERATING AMBIENT TEMP. RANGE: -10°C TO +40°C @ RATED CURRENT, Ir. FILTER APPROVAL: IN AN AMBIENT, $T_{\!\scriptscriptstyle Q}$ , HIGHER THAN 40°C, THE MAXIMUM OPERATING THE BEST WAY TO SELECT AND QUALIFY A FILTER IS FOR CURRENT, Io, IS AS FOLLOWS: YOUR ENGINEERING TO TEST THE UNIT IN YOUR EQUIPMENT. 85 - Ta $I_0 = I_r$ 45 9.1 53.0-MIN. 34.3 42.0-26.3 ((() 30.0 0 0 Ø 79.4 MAX. 3.2Ø WITH 6.0 x 90° 6.35 TERMINAL WITH COUNTERSINK 1.75Ø HOLE (2X) FOR #4 FLAT HEAD SCREW (2) 0 6.35 TERMINAL WITH 0 LABEL $1.75\% \times 3.93 \text{ SLOT}$ Ν Α 0 E D 42.0 -42.0 $\emptyset 3.5$ R3.0 33.0 34.8 R3.2 1 Ø3.5 25.0 26.8 PANEL CUTOUT (FRONT MOUNT) PANEL CUTOUT (REAR MOUNT) TOLERANCE: ±0.1 TOLERANCE: ±0.1 PARTS SHALL COMPLY WITH TYCO ELECTRONICS 138-702 SPECIFICATION FOR HAZARDOUS SUBSTANCES 50 △ 50 △ (MINIMUM) INSERTION LOSS UNLESS DTHERWISE SPECIFIED TOLERANCE TO BE ±0.64 MATERIAL & FINISH: AS SUPPI DIMENSIONS IN MILLIMETERS FREQUENCY 0.1 .15 .5 3 5 10 30 TE Connectivity COMMON 3 5 12 14 16 13 11 11 / dВ NOTES: POWER LINE FILTER DIFF. 8 19 35 33 28 / dВ THIS INFORMATION IS CONFIDENTIAL AND PROPRIETARY TO TYCO ELECTRONICS CORPORATION AND ITS WORLDWITE SIBSIDIARIES AND AFFILIATES. IT MAY NOT BE DISCLOSED TO ANYONE OTHER THAN TYCO ELECTRONICS PERSONNEL, WITHOUT WRITTEN AUTHORIZATION FROM TYCO ELECTRONICS CORPORATION. (WWW.TE.com) TE PART N□.: 0-6609009-4 THTRN ANGLE PRILIFITTING DATE: 21 JANO2 SHEET SIZE DRAWING NUMBER: 3/4 A (0)5 DRIG: 20EJH1 LJD P.JN 20EJH105.ckd

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