REVISIONS SYM ZONE APPRD. ECN, ERN NO. DATE PROPOSAL 2005/04/06 .501 [12.73] 🖚 - .676 [17.17] **—** R.010 [R0.25] MĀX. .522 [13.26] .510 [12.95] ΜĪΝ. .516 [13.11] MĪN. .313 [7.95] .110 [2.80] FRONT VIEW RECOMMENDED PANEL CUTOUT SIDE VIEW ø.035±.002 ø.062±.002 [ø0.89±0.05] [ø1.57±0.05] HŌLES 6 REQ'D HOLES 2 REQ'D ELECTRICAL ø.136±.002 [ø3.45±0.05] VOLTAGE RATING: 125 VAC RMS MAX. HOLES 2 REQ'D CURRENT RATING: 1.5 AMPS MAX. CONTACT RESISTANCE: 30 MILLIOHMS MAX. INSULATION RESISTANCE: 500 MEGAOHMS MIN. DWV: 1000VAC RMS 60 HZ , 1 MIN. .160 [4.06] -.040 [1.02] TYP. .200 [5.08] -MECHANICAL .080 [2.03] TYP. MATING DURABILITY: 500 CYCLES MIN. .200 [5.08] PCB THICKNESS: .062" .088 [2.22] PCB RETENTION PRE-SOLDER: 1.0 LB MIN. LOCATE HOLES PCB RETENTION POST-SOLDER: 10.0 LB MIN. .375 [9.53] ⊕ Ø.005[0.13] **ENVIRONMENTAL** HOLE POSITIONS – .495 [12.57] -- STORAGE: -25 °C TO 80°C ARE BASIC OPERATION: 0°C TO 70°C RECOMMENDED P.C.B. LAYOUT (COMPONENT SIDE OF BOARD) REGULATORY UL AND CSA COMPLIANT. MEETS FCC PART 68 REQUIREMENTS **MATERIALS:** PLASTIC HOUSING: HIGH TEMPERATURE THERMOPLASTIC UL FLAMMABILITY 94V-0. SOLDER REFLOW PROCESS COMPATIBLE CONTACT: PHOSPHOR BRONZE, GOLD PLATED ON MATING AREA AMPHENOL PART NUMBER: RJE01-665-01 OVER NICKEL, AND MATTE TIN ON TAILS. CONTACT PLATING: 50 MICROINCHES [1.27 MICRONS] MINIMUM NICKEL.
50 MICROINCHES [1.27 MICRONS] MINIMUM GOLD ON MATING SURFACES. DATE 05/04/06 DRAWN PAUL WANG Amphenol Canada Corp. DESIGNED 100 MICROINCHES [2.54 MICRONS] MINIMUM MATTE TIN ON CONTACT TAILS. CHECKED TITLE HIGH SPEED MODULAR JACK COPPER ALLOY: NICKEL PLATED SHIELD: I. E. APPRD. SINGLE PORT, 6 POSITIONS, 6 CONTACTS. Q. A. APPRD WITH SHIELD - RoHS COMPLIANT DWG. APPRD. THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION AND SUCH INFORMATION ENG. REL. NO. DWG DRAWING NO. MAY NOT BE DISCLOSED TO OTHERS FOR ANY PURPOSE OR USED FOR MANUFACTURING P-RJE01-665-01 EAR 12712 Α PURPOSES WITHOUT WRITTEN PERMISSION FROM AMPHENOL CANADA CORP. DIMENSIONS ARE IN CODE ID. NO. INCHES [mm] 03554 SCALE SURF. ---- SHEET 1 OF 1

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