DWG NO. C-VJ773-10001 SH | REV A REVISCR NO. DESCRIPTION BY DATE APPROVED 55249 NEW RELEASE R.C. 03/29/10 H.COOK A 55347 ADDED NOTE 8, ADDED DIMENSIONS B.B. 06/22/10 H.COOK AREA. UPDATED NOTE 2 NOTES: I. REFER TO FOLLOWING TECH BULLETINS FOR VIPER PRODUCT SPECIFICATIONS: TB-2094: VIPER GENERAL PRODUCT SPECIFICATION TB-2095: VIPER CONNECTOR QUALIFICATION PLAN SUMMARY TB-2096: VIPER SIGNAL INTEGRITY CHARACTERIZATION REPORT TB-2097: VIPER SIGNAL TRACE ROUTING GUIDELINES BACKPLANE AND DAUGHTERCARD TB-2098: INSTALLATION OF RIGHT-ANGLE PRESSFIT VIPER DAUGHTERCARD CONNECTORS TB-2099: VIPER CONNECTOR REPAIR PROCEDURES TB-2100: VIPER BACKPLANE CONNECTOR PRESS-FIT INSTALLATION PROCESS 2. TYPICAL MODULE TRAY MARKING AS FOLLOWS: LINE I: VJ773-10001 REV LINE 2: MFR: 55KXI YYWW LINE 3: QTY GUIDE PIN IS INTENDED FOR USE IN 6.35 [.250] MAX THICK PCB ALTERNATE GUIDANCE/KEY PINS AVAILABLE FOR DIFFERENT BACKPLANE THICKNESSES CONSULT FACTORY FOR OPTIONS. THIS CONFIGURATION AND HOLES ARE REQUIRED TO SUPPORT VITA 46 PRODUCT SPECIFICATION AND ARE NOT REQUIRED FOR VIPER PRODUCT LINE TO BE INSTALLED (5) BACKPLANE KEYING TO BE SPECIFIED BY CUSTOMER WHEN ORDERING. IF NO KEYING SPECIFIED KEYS ARE BAGGED AND SHIPPED UNASSEMBLED WITH CONNECTOR. (6), \emptyset 9.00 GROUND PAD PLATED AROUND GUIDE PIN MOUNTING HOLE ON TOP AND BOTTOM SIDES OF BOARD. 7. MATES WITH VP773-10001 (8) REQUIRED KEEP OUT AREA FOR BACKPLANE MODULE INSTALLATION. GUIDE PIN KEYING REFERENCE c (GUIDE PIN POSITION "A" GUIDE PIN POSITION "B" GUIDE PIN POSITION "C" BACKPLANE PARTS LIST TEM PART NUMBER QTY DESCRIPTION MATERIAL/PLATING GUIDE PIN POSITION "D" INSULATOR: LCP UL94 VO PER MIL-M-24519 F D POSITION KEYING MODULE CONTACTS: OLIN C7025 TM03 344-5004-000 PLATING: 50µ IN. GOLD OVER 150µ IN. NICKEL ASSEMBLY "JO" GUIDE PIN POSITION "E" 16 POSITION KEYING MODULE CONTACTS: OLIN C7025 TM03 344-5002-000 PLATING: 50 µ IN. GOLD OVER 150 µ IN. NICKEL

TIN-LEAD PLATING ON COMPLIANT PINS

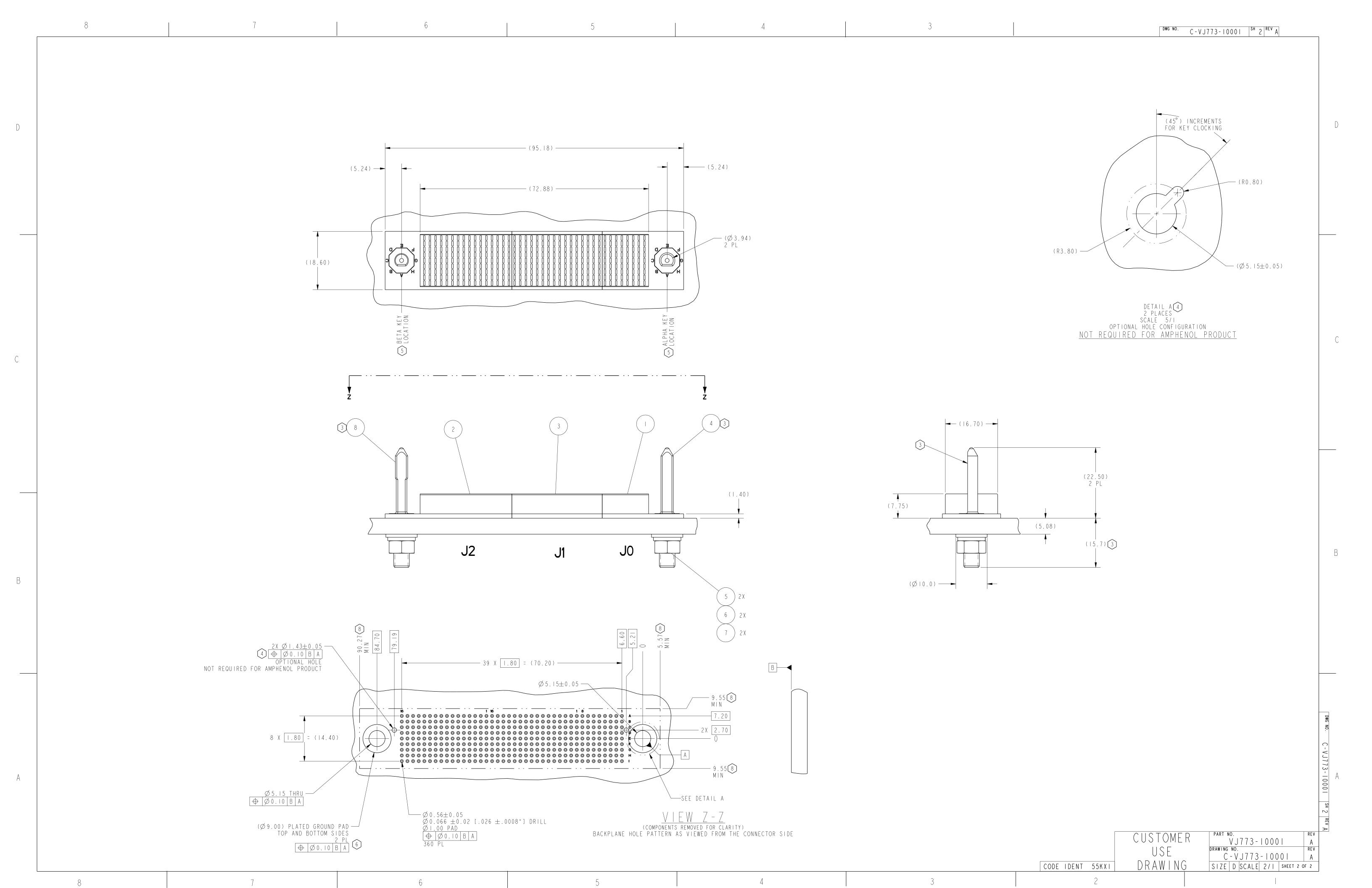
INSULATOR: LCP UL94 VO PER MIL-M-24519

CONTACTS: OLIN C7025 TM03

INSULATOR: COLD OVER 150 µ IN. NICKEL

TIN-LEAD PLATING: COLD OVER 150 µ IN. NICKEL

CONTACTS: OLIN C7025 TM03 TOLERANCES | DWN 01/04/10 **Amphenol Corporation** R.CHIFFY 344-5001-000 DIFFERENTIAL ASSEMBLY PLATING:50µ IN. GOLD OVER 150µ IN. NICKEL GUIDE PIN POSITION "F" CHK 03/25/10 AMPHENOL BACKPLANE SYSTEMS TIN-LEAD PLATING ON COMPLIANT PINS PROENGINEER PART 0.00 ±-NASHUA, NH 03063 A.DELLAS 564-0498-000 | GUIDANCE/KEYING PIN | STAINLESS STEEL, TYPE 303, PASSIVATED VJ77310001.ASSEM 0.000 ±-APVD 03/29/10 TITLE VIPER VARIANT "A" ANGLES | ± -° H.COOK PROENGINEER DRAWING 800-7667-100 | HEX NUT, METRIC, M5 316 STAINLESS STEEL, DIN 934 GUIDE PIN POSITION "G" CONNECTOR, BACKPLANE UNLESS OTHERWISE SPECIFIED CVJ77310001 3U CONFIGURATION DIMENSIONS ARE IN MILLIMETERS FLAT WASHER, 800-7668-100 316 STAINLESS STEEL, DIN 125 METRIC, M5 V J 7 7 3 - 1000 1 LOCK WASHER, 800-7669-100 G 316 STAINLESS STEEL, DIN 127B DRAWING NO. GUIDE PIN POSITION "H" METRIC, M5 C-VJ773-10001 INTERPRET PER ASME YI4.5M DRAWING 564-0508-000 | GUIDEANCE/KEYING PIN | STAINLESS STEEL, TYPE 303, PASSIVATED CODE IDENT 55KXI SIZE D SCALE 2/1 SHEET 1 OF 2



Mouser Electronics

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Amphenol: VJ773-10001