8 3 2 **REVISIONS** APPV **DESCRIPTION** DATE JHAGER 8/9/22 A PRODUCTION RELEASE D \emptyset 10.00 5.66 .394 .223 NOTES: (UNLESS OTHERWISE SPECIFIED) 1. ALL DIMENSIONS ARE IN MILLIMETERS [IN]. 2. DIMENSIONS APPLY AFTER FINISHING. \emptyset 0.56 3. MANUFACTURE TO BE COMPLIANT WITH EU ROHS DIRECTIVE, USE .022 MATERIALS THAT DO NOT CONTAIN REACH SUBSTANCES OF VERY HIGH CONCERN >1000ppm, AND USE DRC CONFLICT-FREE SOURCED 7.16 MATERIALS. .282 4. ELECTRICAL PROPERTIES ARE LISTED FOR REFERANCE ONLY. SEE LINX DATA SHEET FOR COMPLETE SPECIFICATIONS. Ø 3.56 1. IMPEDANCE: 50Ω .140 .065 Ø 1.31 2. FREQUENCY: DC~50GHz .052 3. VSWR: 1.8 2X #0-80 UNF-2B THRU 5. CONNECTOR QUALIFIED IAW LINX INTERNAL TEST PLAN AT LATEST **REVISION:** 10.85 6. MECHANICAL: .427 1. UNLISTED DIMENSIONS ARE CONTROLLED BY SOLID MODEL AT LATEST REVISION 2. OPERATING TEMPERATURE: -55°~125°C 3. REQUIRED MOUNTING HARDWARE PROVIDED: 1. [2EA] PHP, #0-80UNF-2A X 4.76 CRES PAS 0.07 2. [2EA] SPLIT WASHER #0 CRES PAS .003 3. MAX MOUNTING TORQUE: .09 Nm [12in/oz] MAX 4. INTERFACE: 2.4mm TYPE IAW MIL-STD-348B 0.40 5. CENTER CONDUCTOR FINISH: Au [30μ"] / Ni [100μ"] / BeCu .016 7. CAUTION: DO NOT USE STEEL TOOLS ON THIS PART. 0.15 .006 **DETAIL A SCALE 8:1** \emptyset 1.60 .063 Ø 0.50 WARNING: THIS DRAWING CONTAINS PROPRIETARY INFORMATION 3.58 THAT IS THE SOLE PROPERTY OF LINX TECHNOLOGIES, AND SHALL BE 159 ORT LANE .020 TREATED AS SUCH. NO DISCLOSURE OR REPRODUCTION OF THIS .141 **MERLIN, OR 97532** 7.16 DOCUMENT IS PERMITTED, IN WHOLE OR IN PART, WITHOUT THE EXPRESS WRITTEN PERMISSION OF LINX TECHNOLOGIES OR ITS \emptyset 3.56 .282 DESIGNATED AGENTS. .140 MATERIAL: INTERPRET DIMENSIONS AND 2.4mm Connector Jack, Surface CRES TOLERANCES PER ASME Y14.5. PROJECTION: Mount, Via, 50 Ohm, HARDWARE Ø 1.50 .X ±2.0 BeCu, ULTEM ANGLES: ±1° .XX ±1.00 SIZE DWG. NO. WEIGHT: REV SURFACE: $\sqrt[32]{}$.059 .XXX ±.500 **B** C-CON24001-VIA-1 PCB MOUNTING PATTERN Α DRAWN: JHAGER DT: 8/8/22 QQ-P-35; PAS ENGR: DASARATHAN DT: 8/8/22 SCALE: 4:1 SHEET 1 OF 1 GOLD; 30μ" DO NOT SCALE DRAWING LDCFDFB_B 8 7 5 3 2