8 3 2 **REVISIONS** APPV **DESCRIPTION** DATE JHAGER 8/9/22 A PRODUCTION RELEASE Ø 10.00 Ø 1.31 .394 .052 NOTES: (UNLESS OTHERWISE SPECIFIED) 1. ALL DIMENSIONS ARE IN MILLIMETERS [IN]. Ø 0.56 2. DIMENSIONS APPLY AFTER FINISHING. 3. MANUFACTURE TO BE COMPLIANT WITH EU ROHS DIRECTIVE, USE .022 MATERIALS THAT DO NOT CONTAIN REACH SUBSTANCES OF VERY HIGH 7.16 0 CONCERN >1000ppm, AND USE DRC CONFLICT-FREE SOURCED .282 MATERIALS. ELECTRICAL PROPERTIES ARE LISTED FOR REFERANCE ONLY. SEE LINX \emptyset 3.56 DATA SHEET FOR COMPLETE SPECIFICATIONS. .140 1. IMPEDANCE: 50Ω 1.65 2. FREQUENCY: DC~50GHz .065 2X #0-80 UNF-2B THRU 3. VSWR: 1.8 5. CONNECTOR QUALIFIED IAW LINX INTERNAL TEST PLAN AT LATEST 10.85 **REVISION:** 6. MECHANICAL: .427 5.66 1. UNLISTED DIMENSIONS ARE CONTROLLED BY SOLID MODEL AT .223 LATEST REVISION 2. OPERATING TEMPERATURE: -55°~125°C 3. REQUIRED MOUNTING HARDWARE NOT PROVIDED: 0.07 1. [2EA] PHP, #0-80UNF-2A X (4.76) CRES PAS .003 2. [2EA] SPLIT WASHER #0 CRES PAS 3. MAX MOUNTING TORQUE: .09 Nm [12in/oz] MAX 0.40 4. INTERFACE: 2.4mm TYPE IAW MIL-STD-348B .016 5. CENTER CONDUCTOR FINISH: Au [30μ"] / Ni [100μ"] / BeCu 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** DOCUMENT IS PERMITTED, IN WHOLE OR IN PART, WITHOUT THE 7.2 EXPRESS WRITTEN PERMISSION OF LINX TECHNOLOGIES OR ITS \emptyset 3.56 .28 DESIGNATED AGENTS. 2.4mm Connector Jack, Surface .140 MATERIAL: INTERPRET DIMENSIONS AND CRES TOLERANCES PER ASME Y14.5. PROJECTION: Mount, Via, 50 Ohm \emptyset 1.50 BeCu, ULTEM .X ±2.0 ANGLES: ±1° .XX ±1.00 SIZE DWG. NO. WEIGHT: REV SURFACE: $\sqrt[32]{}$.059 .XXX ±.500 **B** C-CON24001-VIA **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 3