3 REVISIONS APPV DESCRIPTION DATE JHAGER 8/9/22 A PRODUCTION RELEASE JHAGER 9/1/2022 B PIN DIELECTRIC C:5 WAS 1.27Ø NOTES: (UNLESS OTHERWISE SPECIFIED) 1. ALL DIMENSIONS ARE IN MILLIMETERS [IN]. 2. DIMENSIONS APPLY AFTER FINISHING. 3. MANUFACTURE TO BE COMPLIANT WITH EU ROHS DIRECTIVE, USE MATERIALS THAT DO NOT CONTAIN REACH SUBSTANCES OF VERY HIGH .500 CONCERN >1000ppm, AND USE DRC CONFLICT-FREE SOURCED MATERIALS. 3.05 Ø 1.04 4. ELECTRICAL PROPERTIES ARE LISTED FOR REFERENCE ONLY. SEE LINX 1.73 / 3 .120 .041 DATA SHEET FOR COMPLETE SPECIFICATIONS. 8.1 .068 1. IMPEDANCE: 50Ω .320 2. FREQUENCY: DC~40GHz 3. VSWR: 1.25 4. PCB LAYOUT PATTERN AVAILABLE UPON REQUEST 5. CONNECTOR QUALIFIED IAW LINX INTERNAL TEST PLAN AT LATEST 5.46 (a) **REVISION:** .215 0.300 6. MECHANICAL: .0118 1. UNLISTED DIMENSIONS ARE CONTROLLED BY SOLID MODEL AT LATEST REVISION 2. OPERATING TEMPERATURE: -65°~165°C .050  $\sqrt{3}$ . PCB MAX THICKNESS: 2mm [.0625"]  $\emptyset$  7.50 4. INTERFACE: TYPE 2.92mm IAW IEC 61169-35 [SMK IAW MIL-STD- $\emptyset$  2.34 .295 348B] .092 5. CENTER CONDUCTOR FINISH: Au [30μ"] / Ni [100μ"] / BeCu 7. CAUTION: DO NOT USE STEEL TOOLS ON THIS PART. WARNING: THIS DRAWING CONTAINS PROPRIETARY INFORMATION THAT IS THE SOLE PROPERTY OF LINX TECHNOLOGIES, AND SHALL BE 159 ORT LANE TREATED AS SUCH. NO DISCLOSURE OR REPRODUCTION OF THIS **MERLIN, OR 97532** DOCUMENT IS PERMITTED, IN WHOLE OR IN PART, WITHOUT THE EXPRESS WRITTEN PERMISSION OF LINX TECHNOLOGIES OR ITS DESIGNATED AGENTS. INTERPRET DIMENSIONS AND CONNECTOR 2.92 END LAUNCH MATERIAL: CRES TOLERANCES PER ASME Y14.5. PROJECTION: Au/CRES BeCu, ULTEM .X ±2.0 ANGLES: ±1° .XX ±1.00 SIZE DWG. NO. WEIGHT: REV SURFACE:  $\sqrt[32]{}$ .XXX ±.500 **B** C-CON292003-2-G В DRAWN: JHAGER DT: 8/5/22 Au[5μ"]Ni[100μ"] ENGR: DASARATHAN DT: 8/5/22 SCALE: 4:1 DO NOT SCALE DRAWING SHEET 1 OF 1  $Au[30\mu"]Ni[50\mu"]Cu[50\mu"]$ LDCFDFB\_B 3 2