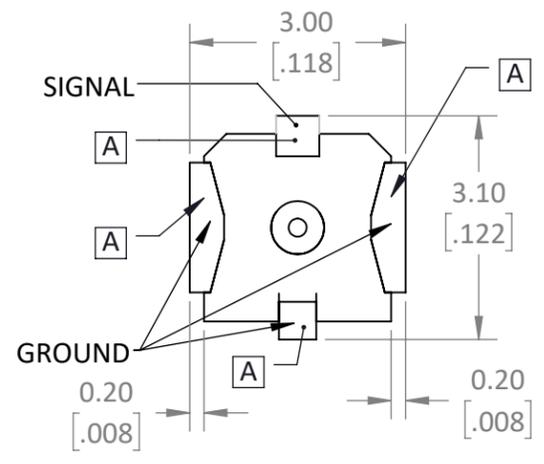
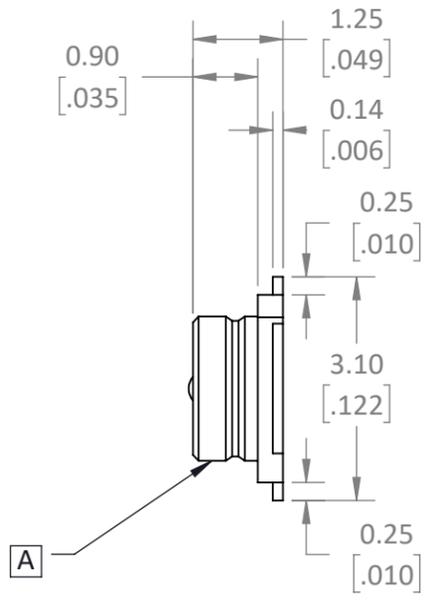
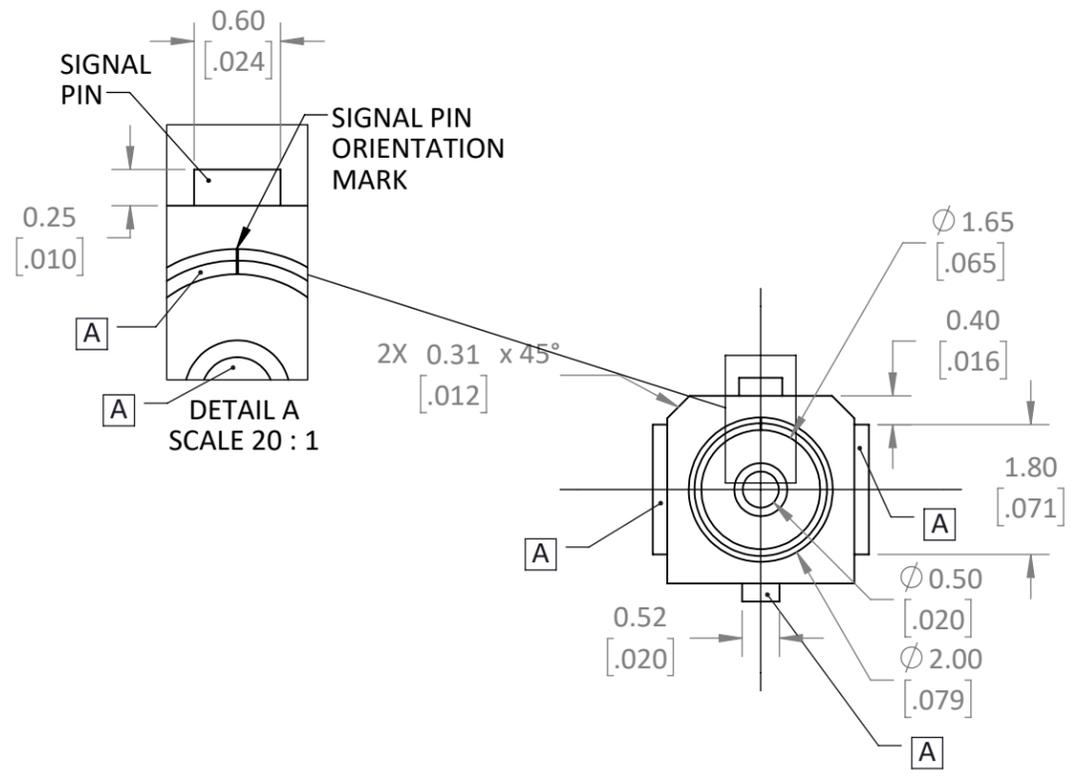
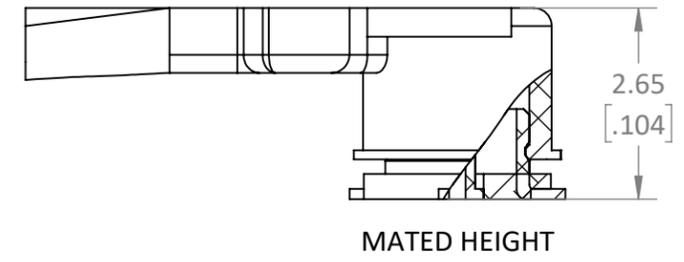
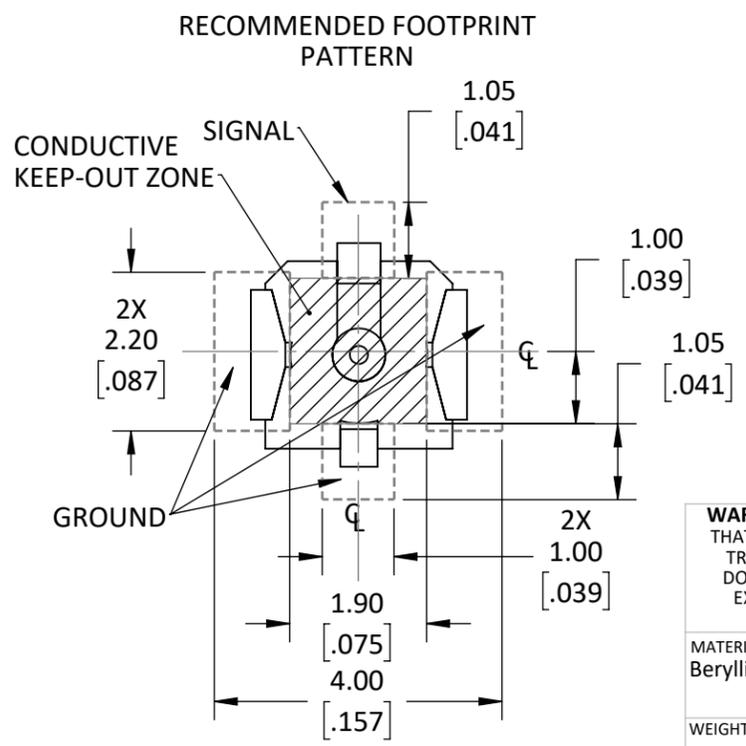


REVISIONS			
REV	DESCRIPTION	DATE	APPV
A	PRODUCTION RELEASE	JHAGER 9/13/21	DV 9/17/21



- 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 CONCERN >1000ppm, AND USE DRC CONFLICT-FREE SOURCED MATERIALS.
  4. INTERCONNECT IAW MHF1 STANDARD PRS-2105. INTERFACE WITH ALL MHF1 IPEX CONNECTIONS.
  5. MATED HEIGHT: 2.50mm WITH IPEX MHF1
  6. IMPEDANCE: 50Ω
  7. FREQUENCY: 0-6GHz
  8. VOLTAGE: 60 VRMS
  9. OPERATING TEMP: -40°C - +90°C
  10. VSWR: <1.4
  11. INSERTION LOSS: .075 x√f (GHz)
  12. CONTACT RESISTANCE: MAIN: [.002Ω] GROUND: [.002Ω] [EIA 364-23]
  13. DIELECTRIC RESISTANCE: 500MΩ [EIA 364-21]
  14. MATING FORCE: 3-5N IAW [EIA 364-13]
  15. DURABILITY: 30 CYCLES TESTED [EIA 364-09]
  16. ENVIRONMENTAL CONDITION TESTED IAW: [EIA 364-27,28,32,31,17,26]
  17. USE WITH UNMATING TOOL IPEX 90192-001 OR EQUIVILANT.



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MATERIAL: Beryllium Copper	INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5.		PROJECTION: 
WEIGHT:	.X ±2.0 .XX ±1.0 .XXX ±.500	ANGLES: ±1° SURFACE:	
FINISH: Nickel [B] Gold [A]	DRAWN: JHAGER ENGR: DASARATHAN	DT: 8/21/21 DT: 8/21/21	

**STE** 159 ORT LANE  
MERLIN, OR 97532

TITLE:  
**CONNECTOR MHF1 BRS SURFACE MOUNT**

SIZE <b>B</b>	DWG. NO. C-CONMHF1-SMD-G-T	REV <b>A</b>
SCALE: 10:1		SHEET 1 OF 1