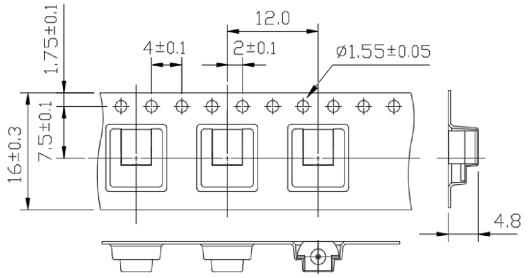


SUGGESTED PCB LAYOUT

TAPE AND REEL PACKAGING



REVISIONS			
REV	DESCRIPTION	DATE	APPV
A	PRODUCTION RELEASE	JHAGER 3/1/21	

- NOTES: (UNLESS OTHERWISE SPECIFIED)
- ALL DIMENSIONS ARE IN MILLIMETERS [IN].
  - DIMENSIONS APPLY AFTER FINISHING.
  - 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. INTERFACE MFG IAW MIL-STD-348B FULL INDENT.
- UNLISTED GEOMETRY CONTROLLED BY SOLID MODEL AT CURRENT REVISION.
  - DURABILITY: 100 CYCLES MIN
  - OPERATING TEMPERATURE: -65°C - +165°C
  - IMPEDANCE: 50Ω
  - FREQUENCY RANGE: 0-18GHz
  - CONTACT RESISTANCE: 6mΩ [CENTER] 3mΩ [OUTER]
  - DIELECTRIC: 320Vrms
  - PACKAGING TAPE AND REEL IAW EIA-481-B EMBOSSED CARRIER. PITCH:12, TAPE SIZE:16 AS SHOWN.
  - INSERTION LOSS: NTE .075 x √f (GHz)

ITEM	DESCRIPTION
3	PIN, MAL, SMP, GOL/BeCu
2	INSULATOR, PTFE, PIN SUPPORT, NAT
1	BODY, SMP, CUTOUT, GOLD/BeCu

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MATERIAL:	BRASS BeCu	FINISH:	GOLD
INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5.	X ±2.0 .XX ±1.00 .XXX ±.500	ANGLES:	±1°
PROJECTION:		SURFACE:	✓
DRAWN:	JHAGER	DT:	
ENGR:		DT:	10-JUL-08



159 ORT LANE  
MERLIN, OR 97532

TITLE:		
CONNECTOR, SMP, PLUG, CUTOUTM BRD GOLD/BeCu		
SIZE	DWG. NO.	REV
A	C-CONSMP024-G	A
SCALE: 5:1	DO NOT SCALE DRAWING	SHEET 1 OF 1