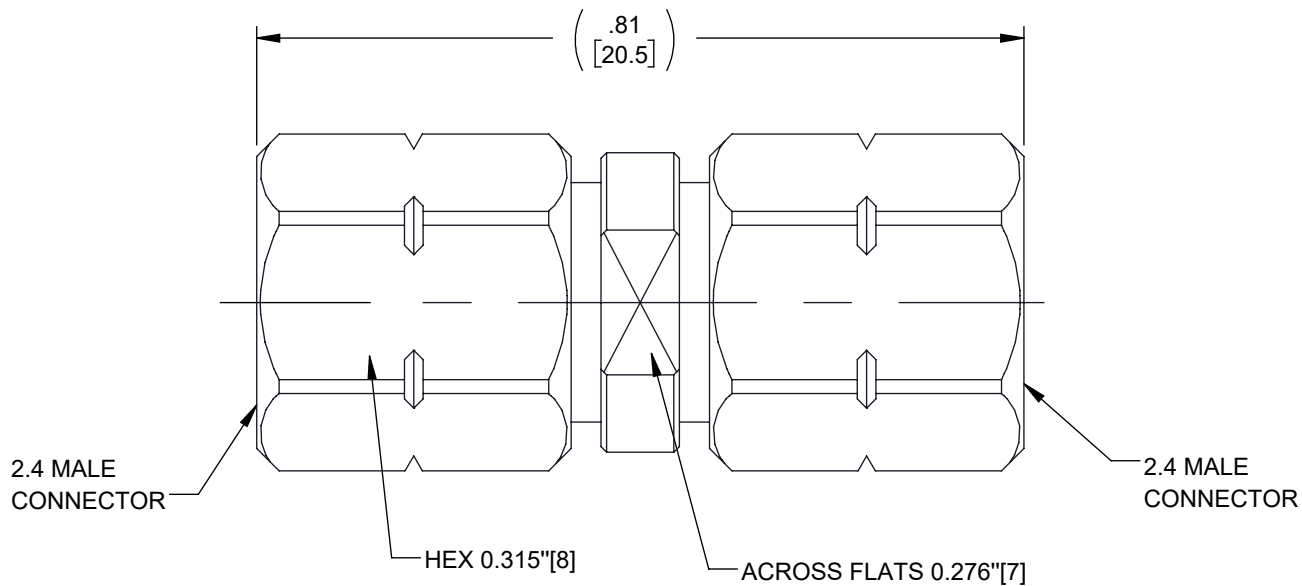


6 5 4 3 2 1

REVISION					
ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	2	UPDATE TEMPERATURE	10/29/2024	SLI	SXU



#### NOTES:

- 1. MATERIALS AND FINISHES:**  
BODY - STAINLESS STEEL, PASSIVATED  
OUTER CONTACT - STAINLESS STEEL, PASSIVATED  
INNER CONTACT - BERYLLIUM COPPER, GOLD PLATING  
INSULATOR - PEI
- 2. ELECTRICAL**  
IMPEDANCE: 50 OHM  
FREQUENCY RANGE: DC - 50 GHz  
VSWR: 1.35 MAX. @DC - 50 GHz  
INSERTION LOSS:  $0.1\sqrt{f(\text{GHz})}$  dB MAX.  
VOLTAGE RATING: 500 VRMS  
DIELECTRIC WITHSTANDING VOLTAGE: 2000 VRMS MIN.  
INSULATION RESISTANCE: 5000 MOHMS MIN.
- 3. MECHANICAL**  
DURABILITY: 1000 CYCLES MIN.  
TEMPERATURE RANGE: -55 TO +125°C  
COMPATIBLE WITH ALL STANDARD: IEC 61169-40

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LEADING DIMENSIONS ARE INCHES  
DIMENSIONS IN [ ] ARE MILLIMETERS

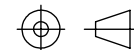
**TOLERANCES:**  
.X = ±.2 [5] FRACTIONS  
.XX = ±.02 [.5] ± 1/32  
.XXX = ±.005 [.13] ANGLES ± 1°

**CABLE LENGTH TOLERANCES:**  
≤12 [305] = +1 [25] / -0  
>12 [305] ≤ 60 [1524] = +2 [51] / -0  
>60 [1524] ≤ 120 [3048] = +4 [102] / -0  
>120 [3048] ≤ 300 [7620] = +6 [152] / -0  
>300 [7620] = +5% / -0

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INTERPRET ALL DIMENSIONS AND  
TOLERANCES PER ASME Y14.5

SCALE	SHEET
NONE	1 OF 1

DESCRIPTION			
2.4 male to 2.4 male 50GHz Adapter			
SIZE	CAGE CODE	DRAWN BY	ITEM NO.
A	53919	SLI	PECCN004
			REV
			2