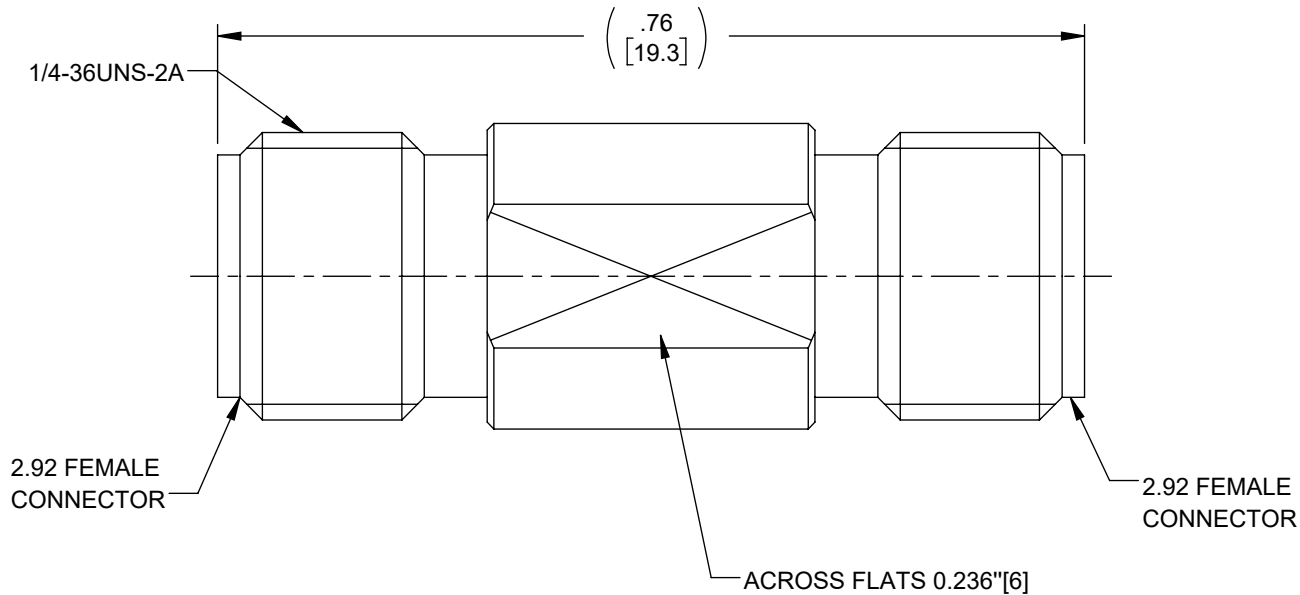


6 5 4 3 2 1

REVISION					
ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	1	PRELIMINARY RELEASE	10/10/2024	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 - 40 GHz
VSWR: 1.25 MAX. @DC - 40 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: -40 TO 85 °C
COMPATIBLE WITH ALL STANDARD: IEC 61169-35

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LEADING DIMENSIONS ARE INCHES
DIMENSIONS IN [] ARE MILLIMETERS

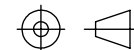
TOLERANCES:
.X = ±.2 [5] FRACTIONS
.XX = ±.02 [.5] ± 1/32
.XXX = ±.005 [.13] ANGLES ± 1°

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

ALL DIMENSIONS ARE FOR REFERENCE ONLY
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INTERPRET ALL DIMENSIONS AND
TOLERANCES PER ASME Y14.5

SCALE	SHEET
NONE	1 OF 1

DESCRIPTION			
2.92 female to 2.92 female 40GHz Adapter			
SIZE	CAGE CODE	DRAWN BY	ITEM NO.
A	53919	SLI	PECCN002
			REV
			1

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