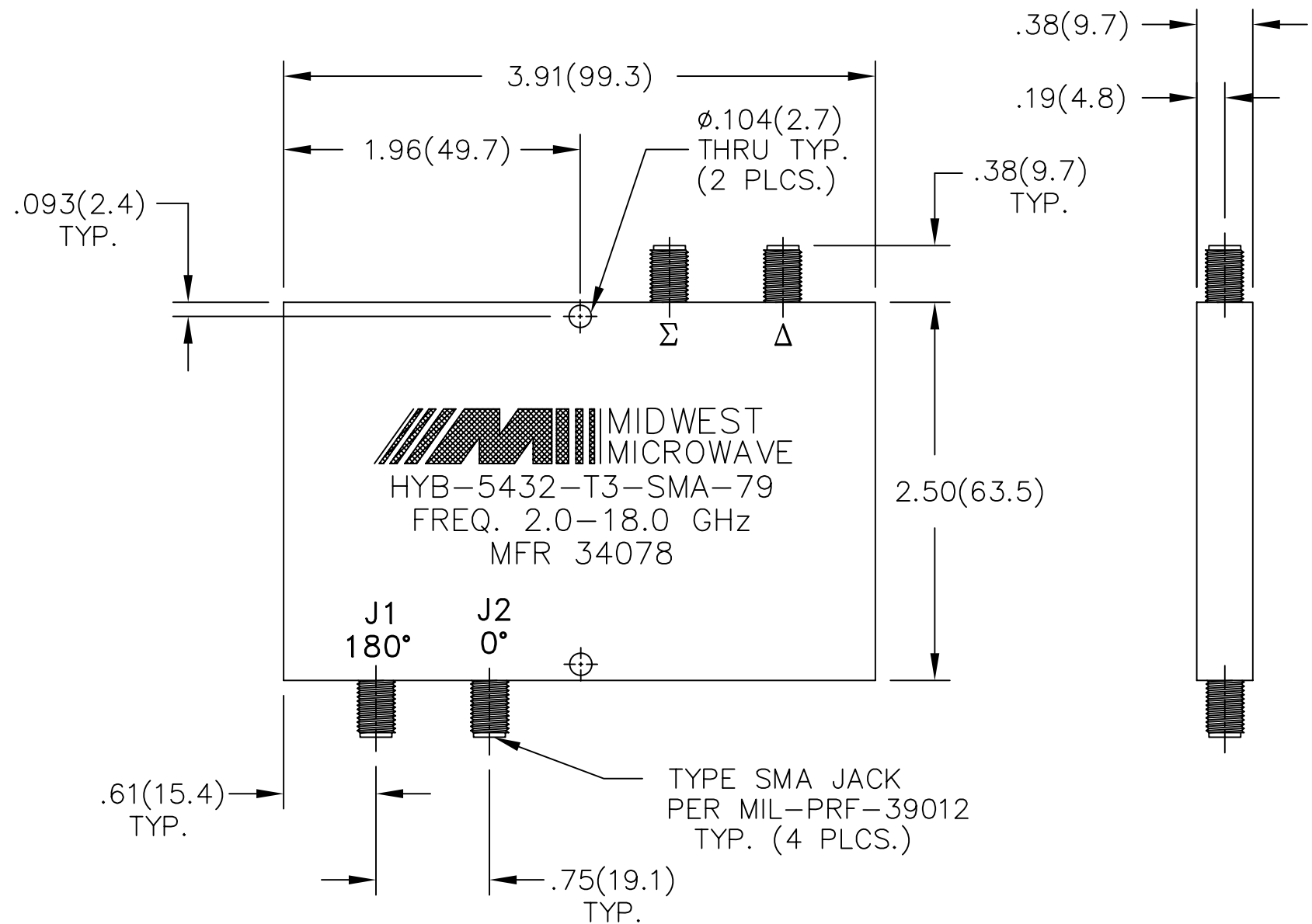


NOTES:

- 1.0 ELECTRICAL SPECIFICATIONS:
 - 1.1 FREQUENCY RANGE: 2.0 to 18.0 GHz
 - 1.2 ISOLATION: 12dB MIN.
 - 1.3 AMPLITUDE BALANCE: ± 1.0 dB
 - 1.4 VSWR (MAX): 2.00:1
 - 1.5 INSERTION LOSS: 4.0dB MAX.
 - 1.6 INPUT POWER:
 - 1.6.1 AVG. POWER: 20 WATTS
 - 1.6.2 PEAK POWER: 2 KILOWATTS
 - 1.7 WEIGHT: 5.4 Oz (152 GRAMS)
- 2.0 WHEN POWER IS APPLIED TO THE SUM(Σ) PORT, THE POWER IS DIVIDED EQUALLY BETWEEN THE 180°(J1) AND THE 0°(J2) PORTS AND THE SIGNALS AT THE OUTPUT PORTS J1 AND J2 ARE BOTH IN PHASE.
- 3.0 WHEN POWER IS APPLIED TO THE DIFFERENCE (Δ) PORT, THE POWER IS DIVIDED EQUALLY BETWEEN THE 180°(J1) AND THE 0°(J2) PORTS. AND THE SIGNALS AT THE OUTPUT PORTS J1 AND J2 ARE BOTH 180° OUT OF PHASE.
- 4.0 FINISHING:
 - 4.1 GREY PER MIL-E-15090 TYPE II, CLASS 2 OVER MIL-C-5541 CLASS 3A MEETS MIL-F-14072 MEETS MIL-E-5400
 - 4.2 MARKING: MARK UNIT AS SHOWN (REF.: SLK-08061-82-01)
- 5.0 DIMENSIONS IN PARENTHESIS ARE IN MILLIMETERS.



REV.	DESCRIPTION	DATE
-	RELEASED	9/24/97
-1	ADDED TITLEBLOCK	6/23/05

UNLESS OTHERWISE NOTED DIMENSIONS ARE IN INCHES AND TOLERANCES ARE: 3 PLACE DECIMALS $\pm .005$ 2 PLACE DECIMALS $\pm .02$ FRACTIONS $\pm 1/64$ PARALLELITY: T.I.R. _____ FLATNESS: T.I.R. _____ CONCENTRICITY: T.I.R. _____ ANGLES AND PERPENDICULARITY: $\pm 1^\circ$	FSCM NO. 34078	MIDWEST MICROWAVE	
	NOTICE: The information contained in this drawing is proprietary and must not be used without the permission of Midwest Microwave	TITLE HYBRID COUPLER	
	DRAWN/DATE L.BROWN 9/24/97	ENG./DATE P.GOODMAN 9/24/97	DRAWING NUMBER HYB-5432-T3-SMA-79
	CHECKED/DATE	APPROVED/DATE	SCALE: 1=1 SHEET 1 of 1