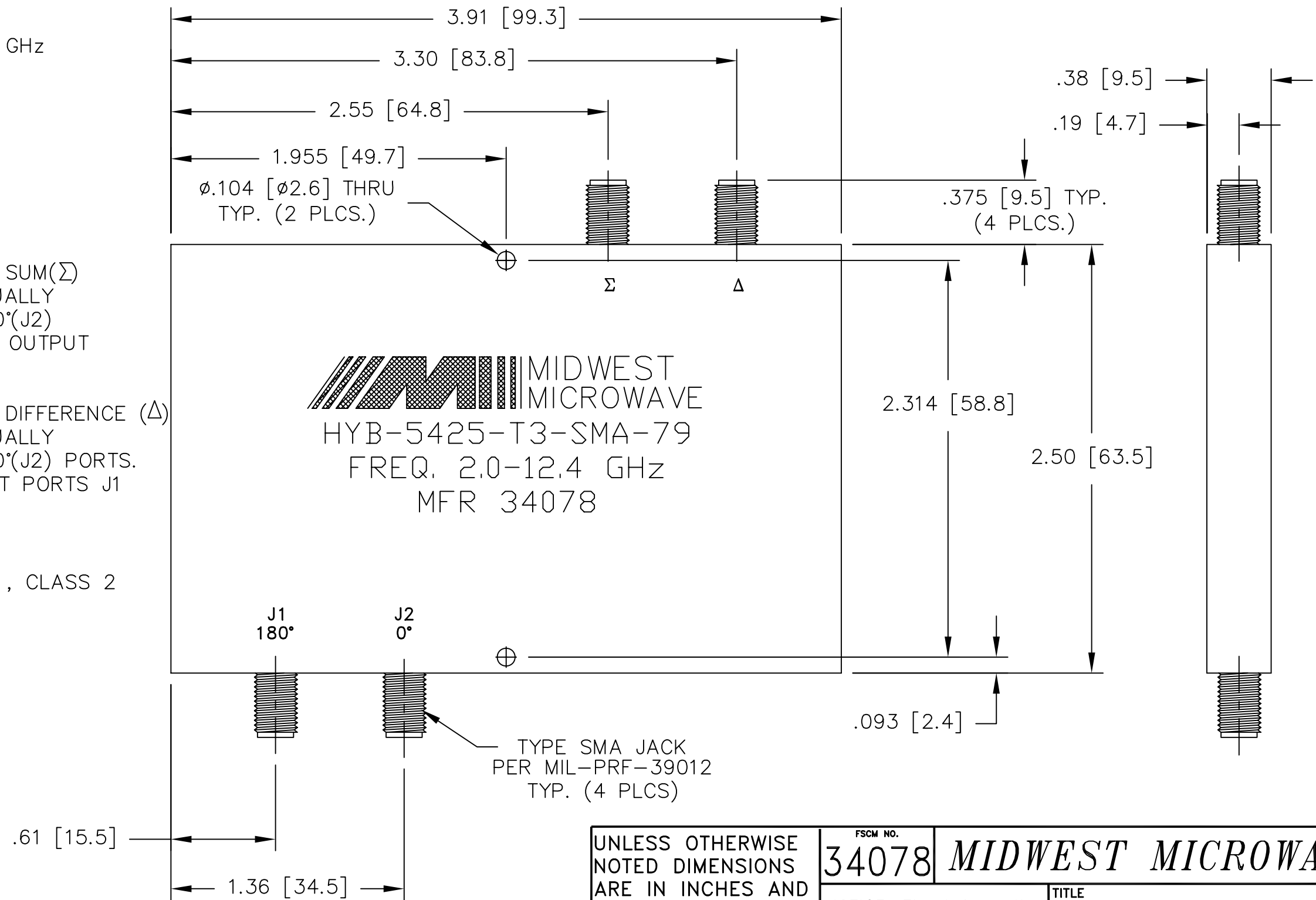


- NOTES:
- 1.0 ELECTRICAL SPECIFICATIONS:
 - 1.1 FREQUENCY RANGE: 2.0 to 12.4 GHz
 - 1.2 ISOLATION: 15dB MIN.
 - 1.3 AMPLITUDE BALANCE: ± 0.7 dB
 - 1.4 VSWR (MAX): 2.00:1
 - 1.5 INSERTION LOSS: 2.3dB MAX.
 - 1.6 INPUT POWER
 - 1.6.1 AVG. POWER: 30 WATTS
 - 1.6.2 PEAK POWER: 3 KILOWATTS
 - 1.7 WEIGHT: 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 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 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-08016-82-01]
 - 5.0 DIMENSIONS IN PARENTHESIS ARE IN MILLIMETERS.



MODEL NUMBER	REV.
HYB-5425-T3-SMA-79	A

REV.	DESCRIPTION	DATE
-	RELEASED	4/23/98
-1	ADDED TITLEBLOCK	6/23/05
A	ECN 21114	11/15/06

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 J.VERNON 9/30/96		ENG./DATE P.GOODMAN 4/23/98		DRAWING NUMBER HYB-5425-T3-SMA-79
CHECKED/DATE		APPROVED/DATE		SCALE: 1.5=1 SHEET 1 of 1