



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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NOTES:

1.0 ELECTRICAL SPECIFICATIONS:

- 1.1 FREQUENCY RANGE: 2.0 to 18.0 GHz
- 1.2 FREQ. SENSITIVITY: $\pm 0.65\text{dB}$
- 1.3 VSWR (MAX): 1.50:1
- 1.4 INSERTION LOSS: 1.00dB (EXCLUDING COUP. LOSS)
- 1.5 DIRECTIVITY:
 - 2 to 18 GHz: 12dB MIN.
- 1.6 POWER: SEE TABLE
- 1.7 RF IMPEDANCE: 50 OHMS
- 1.8 COUPLING (MEASURED WITH RESPECT TO OUTPUT) SEE TABLE
- 1.9 WEIGHT (MAX.): 7.0 oz.

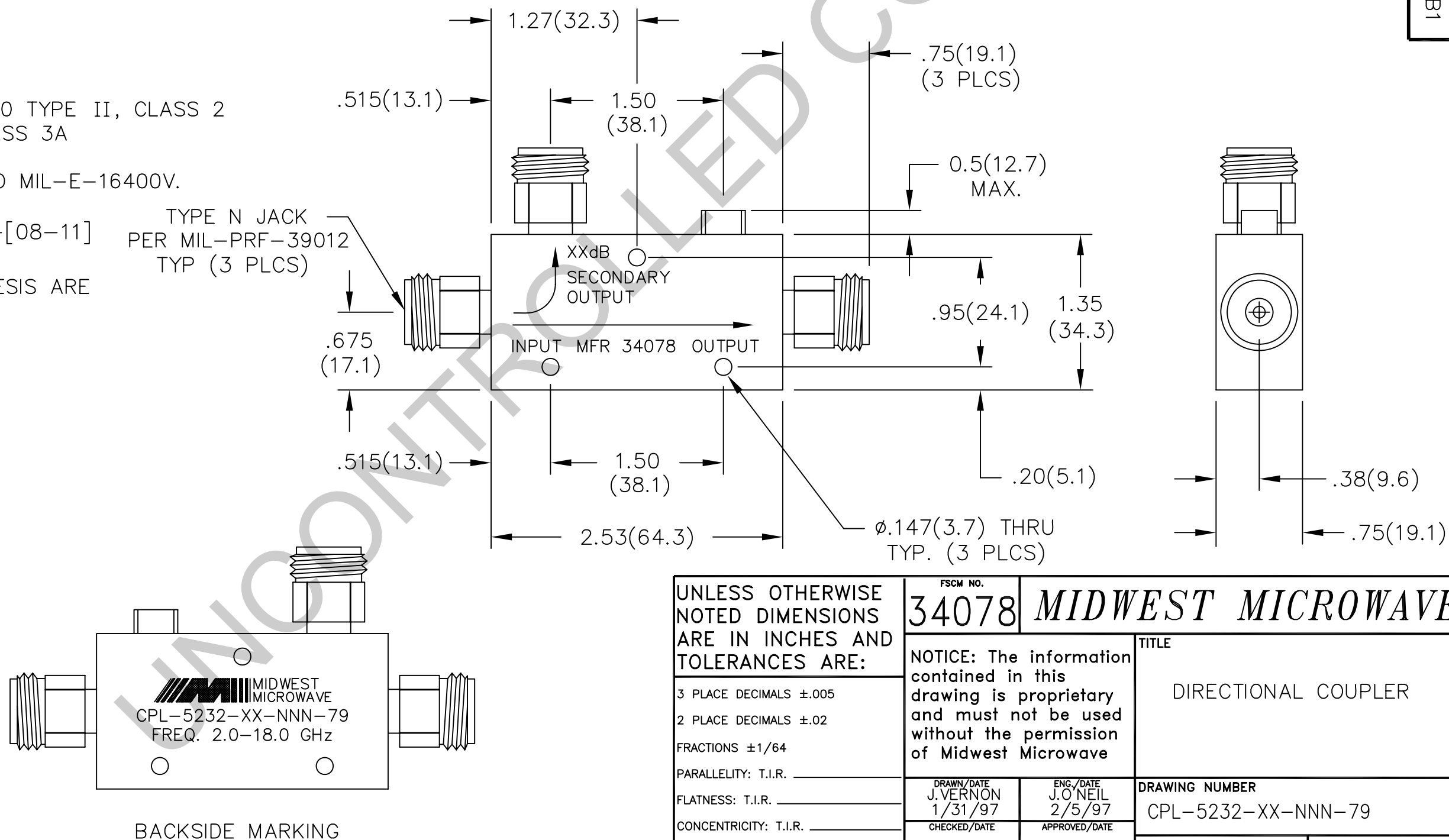
2.0 FINISHING:

- 2.1 GREY OVER MIL-E-15090 TYPE II, CLASS 2 OVER MIL-C-5541 CLASS 3A MEETS MIL-F-14072 MEETS MIL-E-5400 AND MIL-E-16400V.
- 2.2 MARK UNIT AS SHOWN. REF: SLK-08029-82-[08-11]

3.0 DIMENSIONS IN PARENTHESIS ARE IN MILLIMETERS.

MIDWEST MODEL NUMBER CPL-5232-XX-NNN-79	NOMINAL COUPLING	POWER(WATTS)		
		INPUT	REF	PEAK
CPL-5232-06-NNN-79	6 $\pm 1.0\text{dB}$	50	10	3000
CPL-5232-10-NNN-79	10 $\pm 1.0\text{dB}$	50	10	3000
CPL-5232-16-NNN-79	16 $\pm 1.0\text{dB}$	50	40	3000
CPL-5232-20-NNN-79	20 $\pm 1.0\text{dB}$	50	50	3000

MODEL NUMBER
CPL-5232-XX-NNN-79
REV.
B1



UNLESS OTHERWISE NOTED DIMENSIONS ARE IN INCHES AND TOLERANCES ARE:		FSCM NO. 34078 MIDWEST MICROWAVE	
3 PLACE DECIMALS ± 0.005		NOTICE: The information contained in this drawing is proprietary and must not be used without the permission of Midwest Microwave	
2 PLACE DECIMALS ± 0.02			
FRACTIONS $\pm 1/64$		TITLE DIRECTIONAL COUPLER	
PARALLELITY: T.I.R. _____			
FLATNESS: T.I.R. _____		DRAWING NUMBER CPL-5232-XX-NNN-79	
CONCENTRICITY: T.I.R. _____		SCALE: 2=1 SHEET 1 of 1	
ANGLES AND PERPENDICULARITY: $\pm 1'$		APPROVED/DATE	

REV.	DESCRIPTION	DATE
-	RELEASED	2/5/97
A	ECN 15966	4/29/97
B	ECN 16439	1/20/98
B1	ADDED TITLEBLOCK	4/25/05