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!

Contact us

1.0 ELECTRICAL SPECIFICATIONS:
1.1 FREQUENCY RANGE: 2.0 to 18.0 GHz
1.2 FREQ. SENSITIVITY: ±0.65dB
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
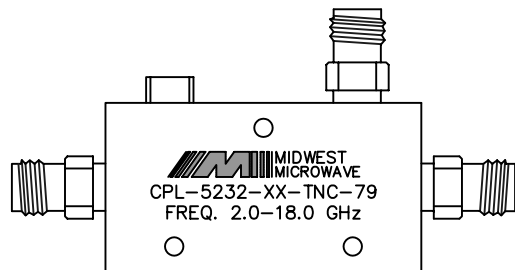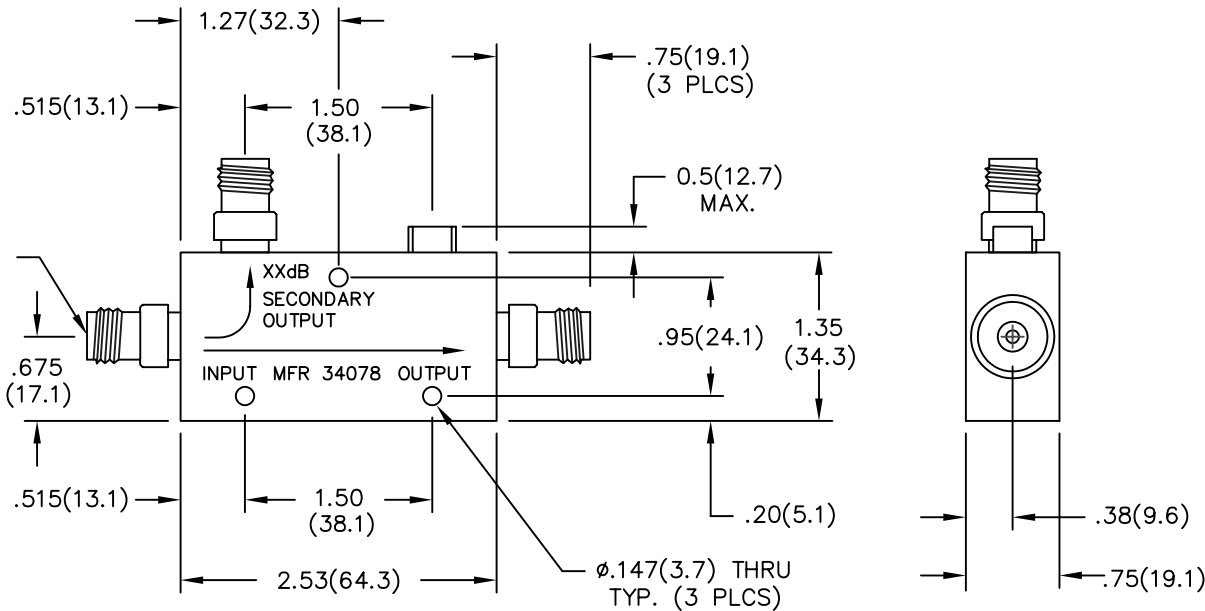1.9 WEIGHT (MAX.): 7.0 oz.

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-08139-82-[08-11]

3.0 DIMENSIONS IN PARENTHESIS ARE
    IN MILLIMETERS.

MIDWEST MODEL NUMBER CPL-5232-XX-TNC-79	NOMINAL COUPLING	POWER(WATTS)		
		INPUT	REF	PEAK
CPL-5232-06-TNC-79	6 ±1.0dB	50	10	3000
CPL-5232-10-TNC-79	10 ±1.0dB	50	10	3000
CPL-5232-16-TNC-79	16 ±1.0dB	50	40	3000
CPL-5232-20-TNC-79	20 ±1.0dB	50	50	3000

TYPE TNC A JACK
INTERFACE PER
MIL-STD-348A
FIG. 313-44
(INTERFACE ALSO
MEETS TYPE TNC
18 Ghz, GRADE 1
PER IEC 169-26,
FIG 2) TYP.
(3 PLCS.)

1.27(32.3)
.515(13.1)
1.50 (38.1)
.75(19.1) (3 PLCS)
0.5(12.7) MAX.
.675 (17.1)
XXdB SECONDARY OUTPUT
INPUT MFR 34078 OUTPUT
.95(24.1)
1.35 (34.3)
.515(13.1)
1.50 (38.1)
2.53(64.3)
.20(5.1)
Ø.147(3.7) THRU TYP. (3 PLCS)
.38(9.6)
.75(19.1)

MIDWEST MICROWAVE
CPL-5232-XX-TNC-79
FREQ. 2.0-18.0 GHz

BACKSIDE MARKING

CAGE CODE
34078

MIDWEST MICROWAVE

EMERSON.
Network Power
Connectivity Solutions

TITLE
DIRECTIONAL COUPLER
OUTLINE DRAWING

UNLESS OTHERWISE NOTED DIMENSIONS ARE IN INCHES AND TOLERANCES ARE:
3 PLACE DECIMALS ±.005
2 PLACE DECIMALS ±.02
FRACTIONS ±1/64
PARALLELITY: T.I.R.
FLATNESS: T.I.R.
CONCENTRICITY: T.I.R.
ANGLES AND PERPENDICULARITY: ±1°

DRAWN/DATE
L.BROWN
6/23/99

ENG./DATE
J.O'NEIL
7/23/99

CHECKED/DATE

APPROVED/DATE

DRAWING NUMBER
CPL-5232-XX-TNC-79-01

REV. B

SCALE: 5=1   SHEET 1 of 1

REV.	DESCRIPTION	DATE
–	RELEASED	7/28/99
A	ECN 18810	11/4/02
B	ECO 22533	6/22/10