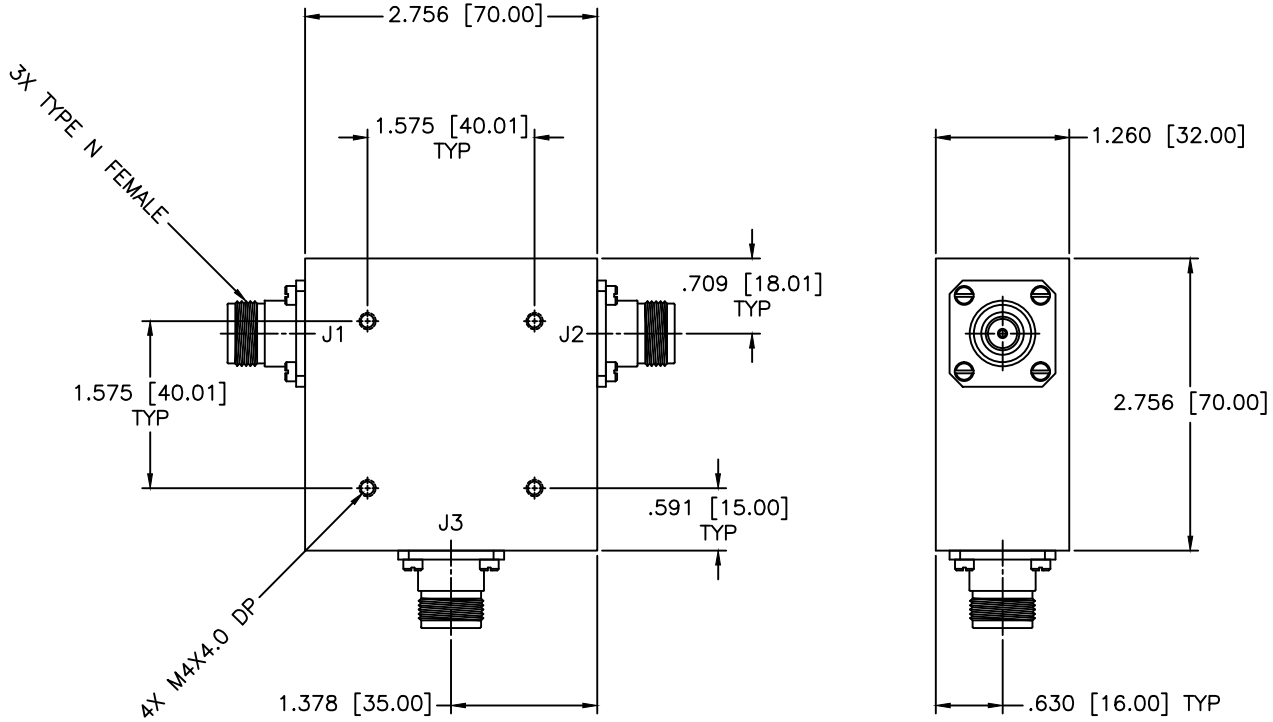


REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED



MCLI MODEL NUMBER	FREQUENCY RANGE (MHz)	INSERTION LOSS (dB Max.)	REVERSE ISOLATOR (dB Min.)	VSWR Max.	FORWARD POWER (Watts)	TEMPERATURE RANGE (Deg. C)
CSL-12	66-77	0.8	18	1.30:1	100	0 to +50
CSL-13	77-88	0.8	18	1.30:1	100	0 to +50
CSL-14	82-88	0.8	20	1.25:1	100	0 to +50
CSL-15	80-100	0.8	18	1.30:1	100	0 to +50
CSL-18	105-115	0.6	20	1.20:1	100	0 to +50
CSL-19	118-138	0.6	20	1.25:1	100	0 to +50
CSL-20	135-175	0.6	18	1.25:1	100	0 to +50
CSL-21	140-175	0.6	20	1.20:1	100	0 to +50
CSL-22	180-200	0.6	20	1.20:1	100	0 to +50

MATERIAL:				MICROWAVE COMMUNICATIONS LABORATORIES INC. 7250 30TH AVE. N. SAINT PETERSBURG, FL 33710 TEL: (727) 544-6254 FAX: (727) 381-0110 http://www.mcli.com		SCALE: N/A
UNLESS OTHERWISE SPECIFIED: TOLERANCES IN (INCHES) OR (mm) (MILLIMETERS) FRACTIONS: ± 1/64 DECIMALS: ± .02 ± .015 ANGLE: ± 1/2°		DRAWING TITLE:		LUMPED ELEMENT COAXIAL CIRCULATOR		SHEET: N/A
DRAWN: Paiboon Luengkhamhan		DATE: 08-02-2011		PART NO.:		CSL-12/NF to CSL-15/NF, AND CSL-18/NF, CSL-22/NF
APPROVED: T. Nguyen		DATE: 08-02-2011		CAGE CODE:		OD2L5
				SIZE: N/A		REV: N/A
				DO NOT SCALE THE DRAWING		DWG NO. 85796