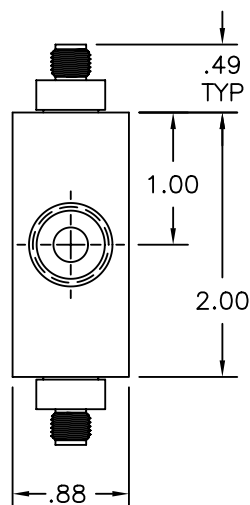


ELECTRICAL SPECIFICATIONS

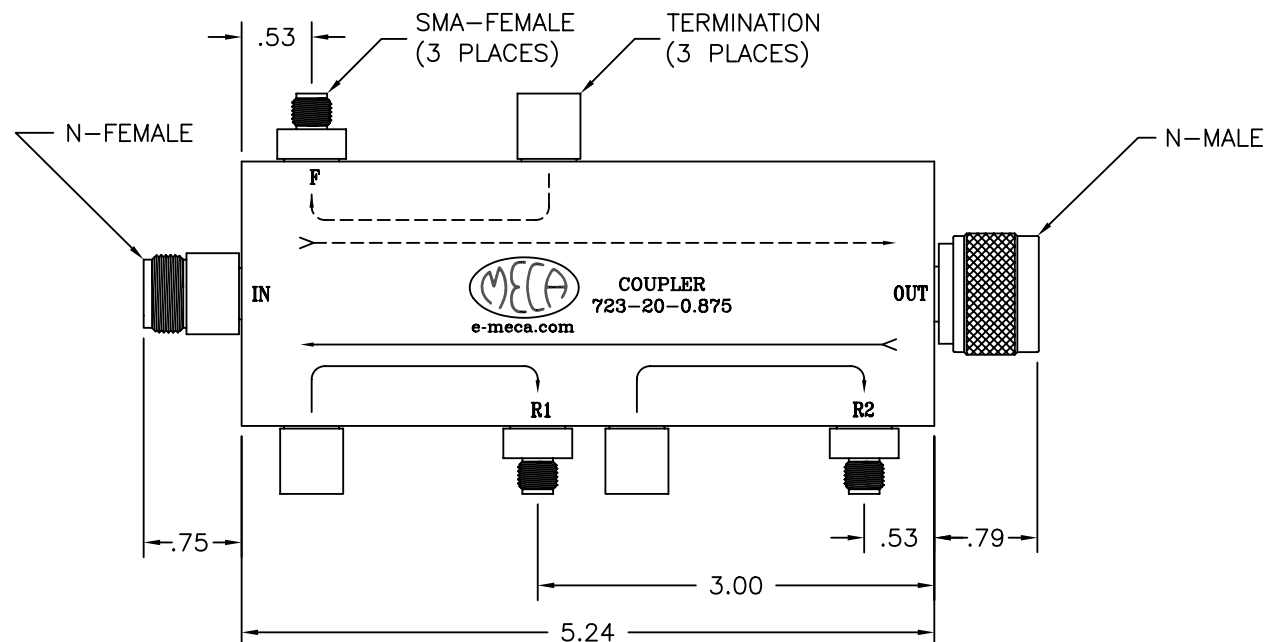
FREQUENCY RANGE (MHz): 824 - 925
 IMPEDANCE (NOMINAL): 50 OHMS
 NOMINAL COUPLING (dB): 20.0 ±1.0
 (INCLUDES ALL VARIATIONS)
 DIRECTIVITY (MIN): 30 dB
 INSERTION LOSS (MAX): 0.25 dB
 VSWR (MAX): 1.08 : 1
 FREQUENCY SENSITIVITY (dB): ±0.5
 TRACKING (MAX): 0.3 dB
 POWER RATING: AVG: 250 WATTS
 PEAK: 5 kWATTS
 ① POWER INPUT @ R1 (MAX): 20 dBm
 R1-F COUPLING (dB): 45.0 ±5.0
 R1-R2 ISOLATION (MIN): 70 dB



MECHANICAL SPECIFICATIONS

*CONNECTORS:
 MAINLINE: TYPE-N, BRASS, NICKEL PLATED
 COUPLED PORTS: SMA-FEMALE, STAINLESS STEEL, PASSIVATED
 PINS: BERYLLIUM COPPER, GOLD PLATED
 HOUSING: ALUMINUM, YELLOW IRIDITE
 INSULATORS: TEFLON, VIRGIN ELECTRICAL GRADE
 TEMPERATURE: ② -65°C TO +150°C
 WEIGHT (MAX): 500 GRAMS

*CONNECTORS MEET MATING CHARACTERISTICS OF MIL-STD-348A



B	WAS 0°C TO +50°C	01/06/00	MJD	MATERIAL:		UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES			ELECTRONICS, INC.	
				SEE ABOVE					DENVER, NEW JERSEY	
				FINISH:		TOLERANCES			e-meca.com	
				SEE ABOVE		2 PLACES : ± .02 3 PLACES : ± --- ANGLES : ± ---				
A	ADDED SPEC	01/06/00	MJD	DRAWN:	DATE:	TIR:		TITLE		
				LB	01/05/00			DIRECTIONAL COUPLER SPECIFICATION DRAWING		
LTR	DESCRIPTION	DATE	APP	APPROVED:	DATE:	SCALE: 1 : 1.5	SIZE	CODE IDENT. NO.	DWG. NO.	
				MJD	01/05/00	SHEET:				
								A	22424	723-20-0.875