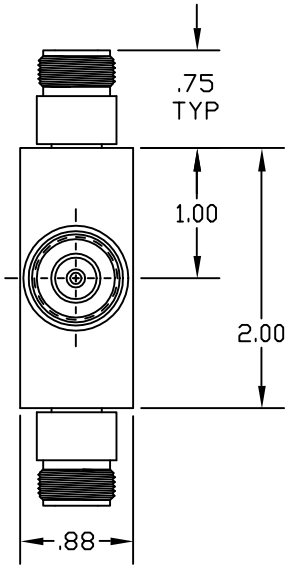
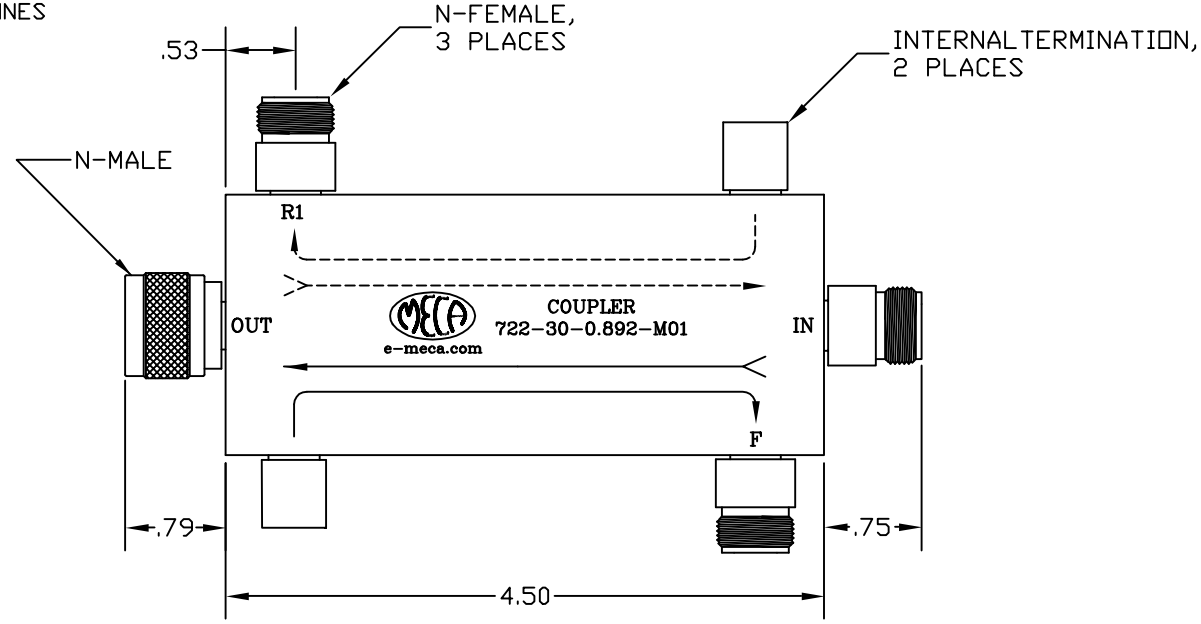
ELECTRICAL SPECIFICATIONS

FREQUENCY RANGE (MHz):	824-960
IMPEDANCE (NOMINAL):	50 OHMS
COUPLING: (INCLUDES ALL VARIATIONS)	30.0 ±1.0 dB
DIRECTIVITY (MIN):	30 dB
INSERTION LOSS (MAX):	0.15 dB
VSWR (MAX):	1.08:1
FREQUENCY SENSITIVITY (MAX):	±0.3 dB
TRACKING (MAX):	0.3 dB
POWER RATING: AVG:	500 WATTS
PEAK:	10 kWATTS
INTERMODULATION DISTORTION (MAX):	-130 dBc WITH TWO +43 dBm TONES

MECHANICAL SPECIFICATIONS

CONNECTORS: MAINLINE:	N-TYPE, BRASS, NICKEL PLATE
COUPLED PORTS:	N-FEMALE, BRASS, NICKEL PLATE
CONTACT PINS:	BERYLLIUM COPPER, GOLD PLATE
HOUSING:	ALUMINUM, YELLOW IRIDITE
INSULATORS:	TEFLON, VIRGIN ELECTRICAL GRADE
TEMPERATURE:	-65°C TO +150°C
WEIGHT (MAX):	425 GRAMS





LTR	DESCRIPTION	DATE	APP

MATERIAL: SEE ABOVE		UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES	
FINISH: SEE ABOVE		TOLERANCES 2 PLACES: ± .02 3 PLACES: ± --- ANGLES: ± ---	
DRAWN: EMB	DATE: 03/27/01	TIR:	
APPROVED: MJD	DATE: 03/27/01	SCALE: NTS SHEET:	SIZE A

MECA ELECTRONICS, INC.
DENVILLE, NEW JERSEY
e-meca.com

TITLE
DUAL DIRECTIONAL COUPLER
SPECIFICATION DRAWING

CODE IDENT. NO.	DRAWING NO.
22424	722-30-0.892-M01