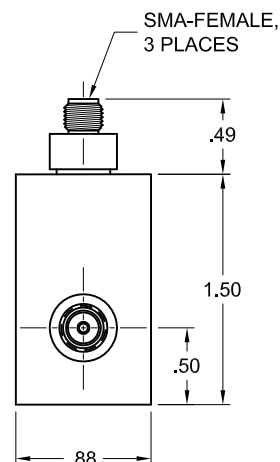


ELECTRICAL SPECIFICATIONS

FREQUENCY RANGE (GHz):	0.800 - 2.200
IMPEDANCE (NOMINAL):	50 Ohms
VSWR (MAX):	SEE TABLE
COUPLING:	*NOMINAL ± 1.75 dB
(INCLUDES ALL VARIATIONS)	
DIRECTIVITY (MIN):	SEE TABLE
INSERTION LOSS (MAX):	0.1 dB
(EXCLUDING COUPLED POWER)	
POWER RATING: AVG:	SEE TABLE
PEAK:	10 KWATTS

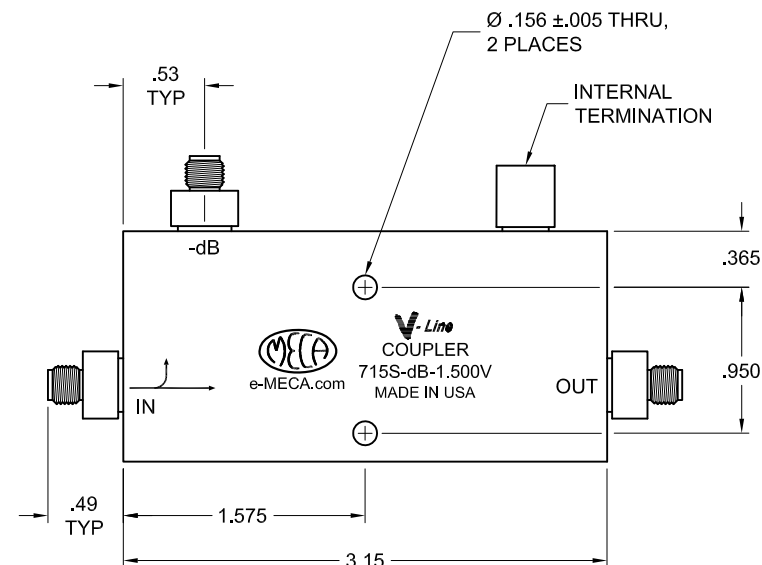
* NOMINAL COUPLING VALUES OF
6, 10, 20, 30 & 40 dB AVAILABLE

PART NO.	COUPLING (dB) (NOMINAL)	DIRECTIVITY (dB) (MIN)	VSWR (MAX)	POWER RATING (WATTS)	
				FORWARD	REVERSE
715S-06-1.500V	6	22	1.20:1	100	10
715S-08-1.500V	8	25	1.15:1	100	10
715S-10-1.500V	10	25	1.15:1	100	25
715S-15-1.500V	15	27	1.10:1	100	25
715S-20-1.500V	20	27	1.10:1	100	100
715S-30-1.500V	30	27	1.10:1	100	100
715S-40-1.500V	40	25	1.10:1	100	100



MECHANICAL SPECIFICATIONS

CONNECTORS:	SMA-FEMALE, STAINLESS STEEL, PASSIVATE
CONTACT PINS:	BERYLLIUM COPPER, GOLD PLATE
HOUSING:	ALUMINUM, RoHS COMPLIANT IRIDITE
INSULATORS:	PTFE, VIRGIN ELECTRICAL GRADE
TEMPERATURE:	-55°C TO +85°C
WEIGHT:	6.7 oz



E		SEE DCN # 110901-4	09/02/11	M.O.C.	RR	MATERIAL: SEE ABOVE		UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES		 ELECTRONICS, INC. DENVER, NEW JERSEY e-MECA.com			
D		SEE DCN # 080801	08/04/08	N/A	JL	FINISH: SEE ABOVE		TOLERANCES 2 PLACES: ±.05 3 PLACES: ±.020 ANGLES: N/A					
C		SEE DCN # 080718-14	07/23/08	N/A	RR	DRAWN: RWA		DATE: 05/31/02		 715S SERIES DIRECTIONAL COUPLER SPECIFICATION DRAWING			
B		WAS 3 KWATTS	10/11/05	N/A	JL	APPROVED: MJD		DATE: 05/31/02					
A		WAS 65°C TO 150°C	10/11/05	N/A	JL					TIR: N/A			
LTR	PG	DESCRIPTION	DATE	DR	APP			SCALE: NTS		SIZE A	CODE IDENT. NO. 22424	DRAWING NO. 715S-dB-1.500V	REV E
								SHEET: 1 OF 1					



715S SERIES DIRECTIONAL COUPLER
SPECIFICATION DRAWING