

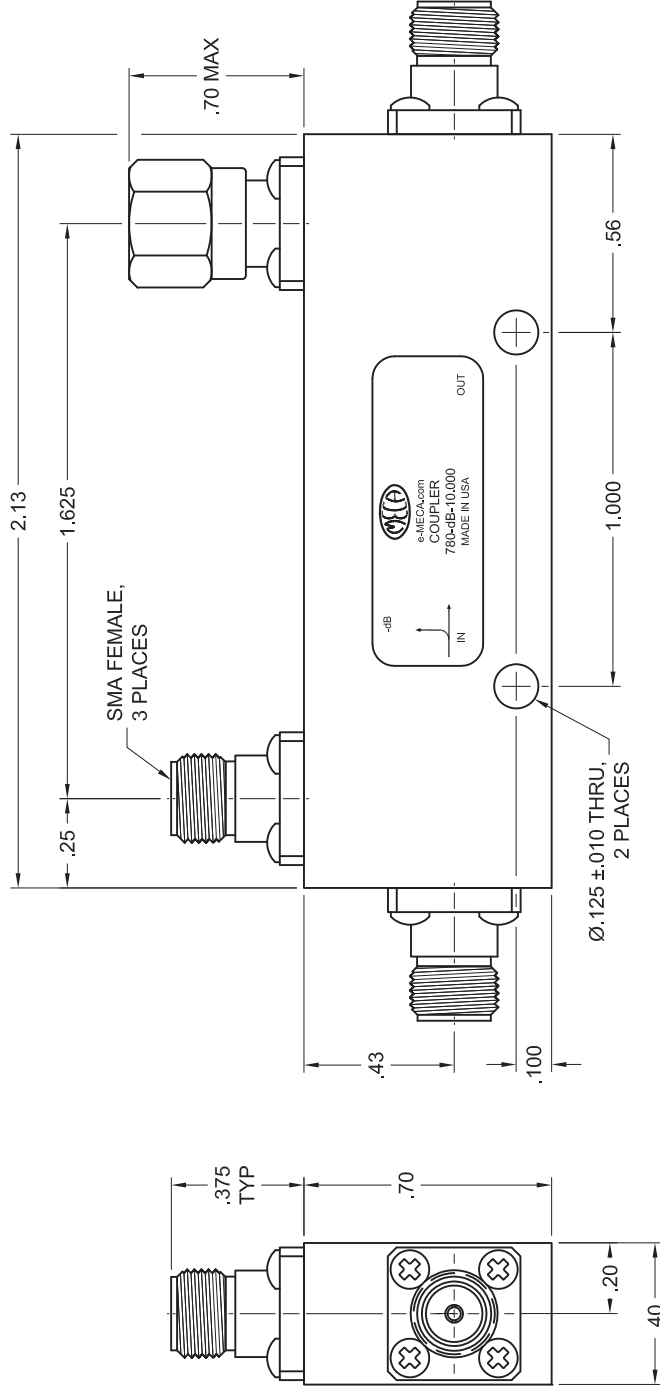
ELECTRICAL SPECIFICATIONS

FREQUENCY RANGE (GHz): 2.000 - 18.000
 IMPEDANCE (NOMINAL): 50 OHMS
 VSWR (MAX): MAIN LINE: 1.35:1
 SECONDARY LINE: 1.40:1
 COUPLING (NOMINAL): SEE TABLE
 DIRECTIVITY (MIN): SEE TABLE
 INSERTION LOSS (MAX): 0.90 dB
 (EXCLUDING COUPLED POWER)
 POWER (AVG): SEE TABLE
 (PEAK): 2000 W
 FREQUENCY SENSITIVITY: ± 0.55 dB MAX

MECHANICAL SPECIFICATIONS

CONNECTORS: SMA-FEMALE, STAINLESS STEEL, PASSIVATE
 CONTACT PINS: BERYLLIUM COPPER, GOLD PLATE
 HOUSING: ALUMINUM, RoHS COMPLIANT IRIDITE
 INSULATORS: PTFE, VIRGIN ELECTRICAL GRADE
 OPERATING TEMP: -55°C TO +85°C
 WEIGHT (NOMINAL): 1.3 oz

PART NO.	COUPLING (dB) NOMINAL	POWER RATING (WATTS)		DIRECTIVITY	
		FORWARD	REVERSE	2 - 12.4 GHz	12.4 - 18 GHz
780-06-10.000	6 ±1.00 dB	25	2	15	12
780-10-10.000	10 ±1.00 dB	50	10	15	15
780-16-10.000	16 ±1.00 dB	50	39	15	15
780-20-10.000	20 ±1.00 dB	50	50	15	15
780-30-10.000	30 ±1.00 dB	50	50	15	15



E		SEE DCN #130222	02/22/13	M.O.C.	CC	MATERIAL: SEE ABOVE		UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES		ELECTRONICS, INC. DENVER, NEW JERSEY e-MECA.com		REV
D		SEE DCN #120817-1	08/17/12	M.O.C.	JS	FINISH: SEE ABOVE		TOLERANCES 2 PLACES: ±.02 3 PLACES: ±.010 ANGLES: N/A		TITLE		DRAWING NO.
C		SEE DCN #120410-3	04/10/12	M.O.C.	CC	DRAWN: NL		TIR: N/A		DIRECTIONAL COUPLER		780-dB-10.000
B		SEE DCN #101015	10/18/10	NL	JS	DATE: 05/30/08		SCALE: NTS		CAGE CODE NO.		22424
A		NEW	05/30/08	NL	JS	APPROVED: JS		SIZE		A		E
LTR	PG	DESCRIPTION	DATE	DR	APP							