

**ELECTRICAL SPECIFICATIONS:**

- 1.) FREQUENCY RANGE: 800 - 6000 MHz
- 2.) IMPEDANCE: 50 OHMS
- 3.) INSERTION LOSS (MAX): 1.0 dB (ABOVE 3.01 dB SPLIT)
- 4.) AMPLITUDE BALANCE (MAX): 0.4 dB
- 5.) PHASE BALANCE (MAX): 4 DEGREES
- 6.) ISOLATION (MIN): 20 dB
- 7.) INPUT VSWR (MAX): 1.40 : 1
- 8.) OUTPUT VSWR (MAX): 1.30 : 1

**MECHANICAL SPECIFICATIONS:**

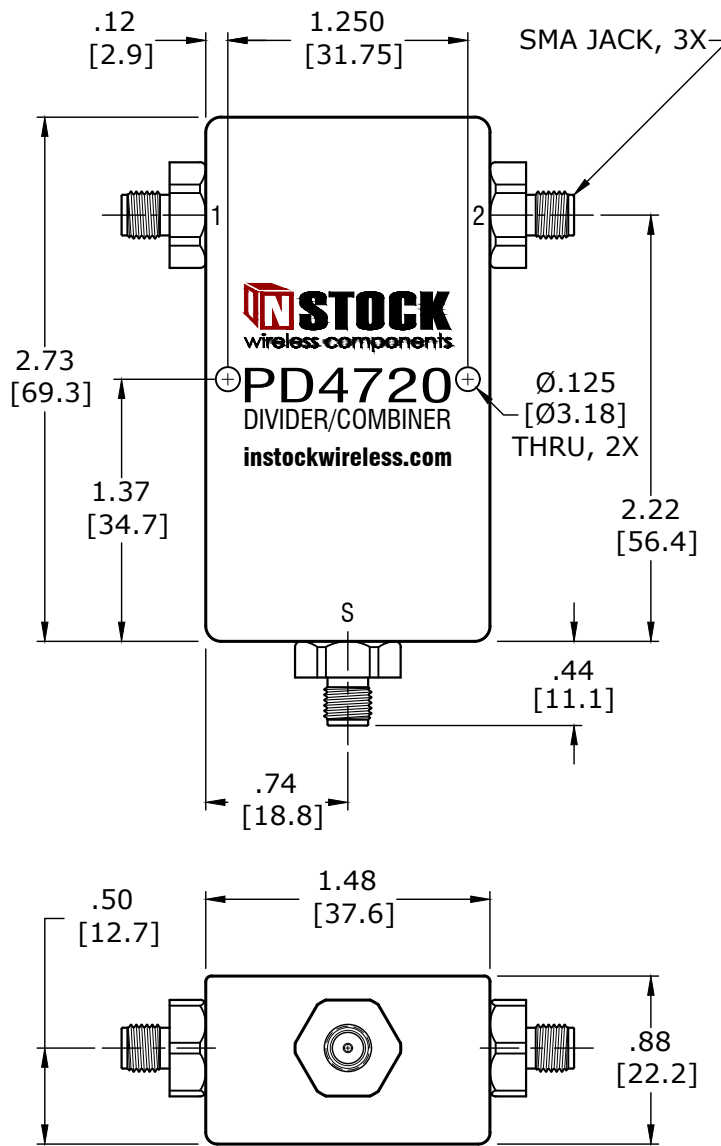
- 1.) CONNECTORS: SMA FEMALE (JACK), 50 OHM
- 2.) CONNECTOR BODY: BRASS, TRI-ALLOY PLATE
- 3.) CONNECTOR PIN: BERYLLIUM COPPER, GOLD PLATE
- 4.) INSULATOR: PTFE, VIRGIN ELECTRICAL GRADE
- 5.) HOUSING: ALUMINUM, CLEAR CHEM CONVERSION FILM, RoHS COMPLIANT (NO HEX CHROM)
- 6.) SOLDER: LEAD FREE, RoHS COMPLIANT
- 7.) OPERATING TEMP: -65°C TO +85°C
- 8.) WEIGHT: 144 GRAMS

**RF INPUT POWER RATING (POWER DIVIDER SPLITTER):**

INTO MATCHED LOAD VSWR's	IN-PHASE	180° OUT-OF-PHASE
1.2 : 1	40 WATTS	40 WATTS
2.0 : 1	40 WATTS	10 WATTS
∞	20 WATTS	1 WATT

**RF INPUT POWER RATING (POWER COMBINER):**

COHERENT SIGNALS (IN-PHASE)	2 X 20 WATTS
COHERENT SIGNALS (180° OUT-OF-PHASE)	2 X 0.5 WATTS
NON-COHERENT SIGNALS	2 X 1 WATT
OTHER CONDITIONS - CONSULT FACTORY	



REV	DESCRIPTION	BY	DATE

TOLERANCES	
INCHES	MILLIMETERS
.00 = ±.01	.0 = ±.25
.000 = ±.004	.00 = ±.10
DRAWN: KMG	APPROVED: MJD
DATE: 4/23/18	DATE: 4/23/18



MODEL NO.	PD4720
TITLE	2 WAY, T-STYLE, POWER DIVIDER, SMA JACK, 0.8 - 6.0 GHz, 40 WATT, 50 OHM, 0 DEGREE (IN-PHASE), RoHS