

ELECTRICAL SPECIFICATIONS:

1.) FREQUENCY RANGE:	700 - 2700 MHz
2.) IMPEDANCE:	50 OHMS
3.) INSERTION LOSS (MAX):	0.6 dB (ABOVE 4.77 dB SPLIT)
4.) AMPLITUDE BALANCE (MAX):	0.2 dB
5.) PHASE BALANCE (MAX):	3 DEGREES
6.) ISOLATION (MIN):	18 dB
7.) INPUT VSWR (MAX):	1.35 : 1
8.) OUTPUT VSWR (MAX):	1.25 : 1
9.) DC VOLTAGE (MAX):	50 VOLTS

MECHANICAL SPECIFICATIONS:

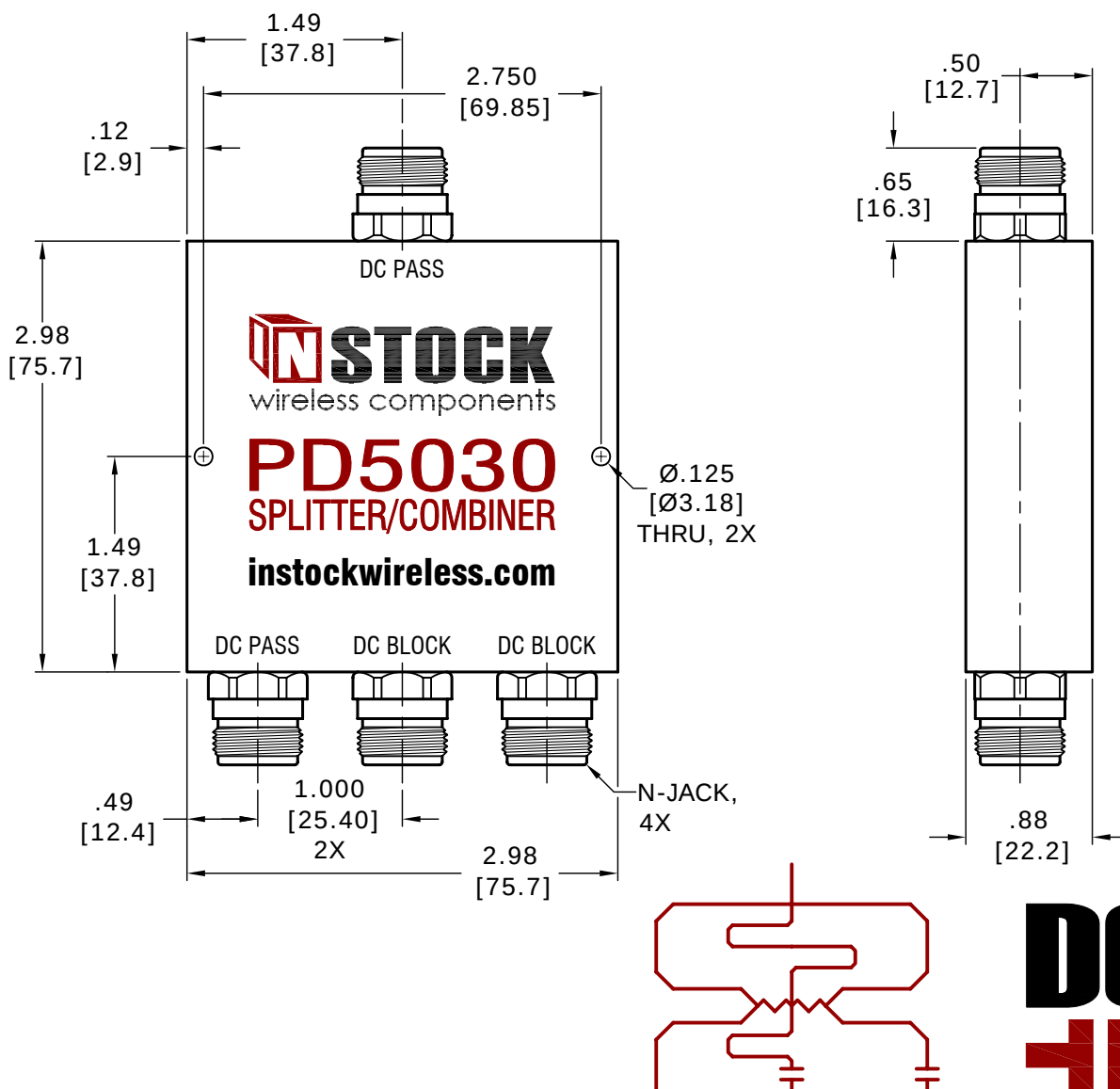
1.) CONNECTORS:	TYPE-N FEMALE (JACK), 50 OHM
2.) CONNECTOR BODY:	BRASS, TRI-ALLOY PLATE
3.) CONNECTOR PIN:	PHOSPHOR BRONZE, GOLD PLATE
4.) INSULATOR:	PTFE, VIRGIN ELECTRICAL GRADE
5.) HOUSING:	ALUMINUM, CLEAR CHEM CONVERSION FILM, RoHS COMPLIANT (NO HEX CHROM)
6.) SOLDER:	LEAD FREE, RoHS COMPLIANT
7.) OPERATING TEMP:	-65°C TO +85°C
8.) WEIGHT:	346 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	20 WATTS
∞	20 WATTS	2 WATTS

RF INPUT POWER RATING (POWER COMBINER):

COHERENT SIGNALS (IN-PHASE)	3 X 13.3 WATTS
COHERENT SIGNALS (180° OUT-OF-PHASE)	3 X 0.66 WATTS
NON-COHERENT SIGNALS	3 X 1.33 WATTS
OTHER CONDITIONS - CONSULT FACTORY	



**3-way, DC blocking power splitter; DC pass one (1) port, DC block two (2) ports.
Typically used for powering an active antenna through the power divider-splitter.**

REV	DESCRIPTION	BY	DATE	TOLERANCES		www.instockwireless.com	MODEL NO. PD5030
				INCHES	MILLIMETERS		
				.00 = ±.01 .000 = ±.004	.0 = ±.25 .00 = ±.10		
				DRAWN: MJD DATE: 12/24/07	APPROVED: EMM DATE: 12/24/07		
							TITLE DC BLOCKING POWER DIVIDER, 3 WAY, N-TYPE JACK, 0.7 - 2.7 GHz, 40 WATT, RoHS, DC BLOCK TWO (2) PORTS