

**ELECTRICAL SPECIFICATIONS:**

- 1.) FREQUENCY RANGE: 350 - 1000 MHz
- 2.) IMPEDANCE: 50 OHMS
- 3.) INSERTION LOSS (MAX): 1.3 dB (ABOVE 9.03 dB SPLIT)
- 4.) AMPLITUDE BALANCE (MAX): 0.5 dB
- 5.) PHASE BALANCE (MAX): 6 DEGREES
- 6.) ISOLATION (MIN): 22 dB
- 7.) INPUT VSWR (MAX): 1.40 : 1
- 8.) OUTPUT VSWR (MAX): 1.15 : 1

**MECHANICAL SPECIFICATIONS:**

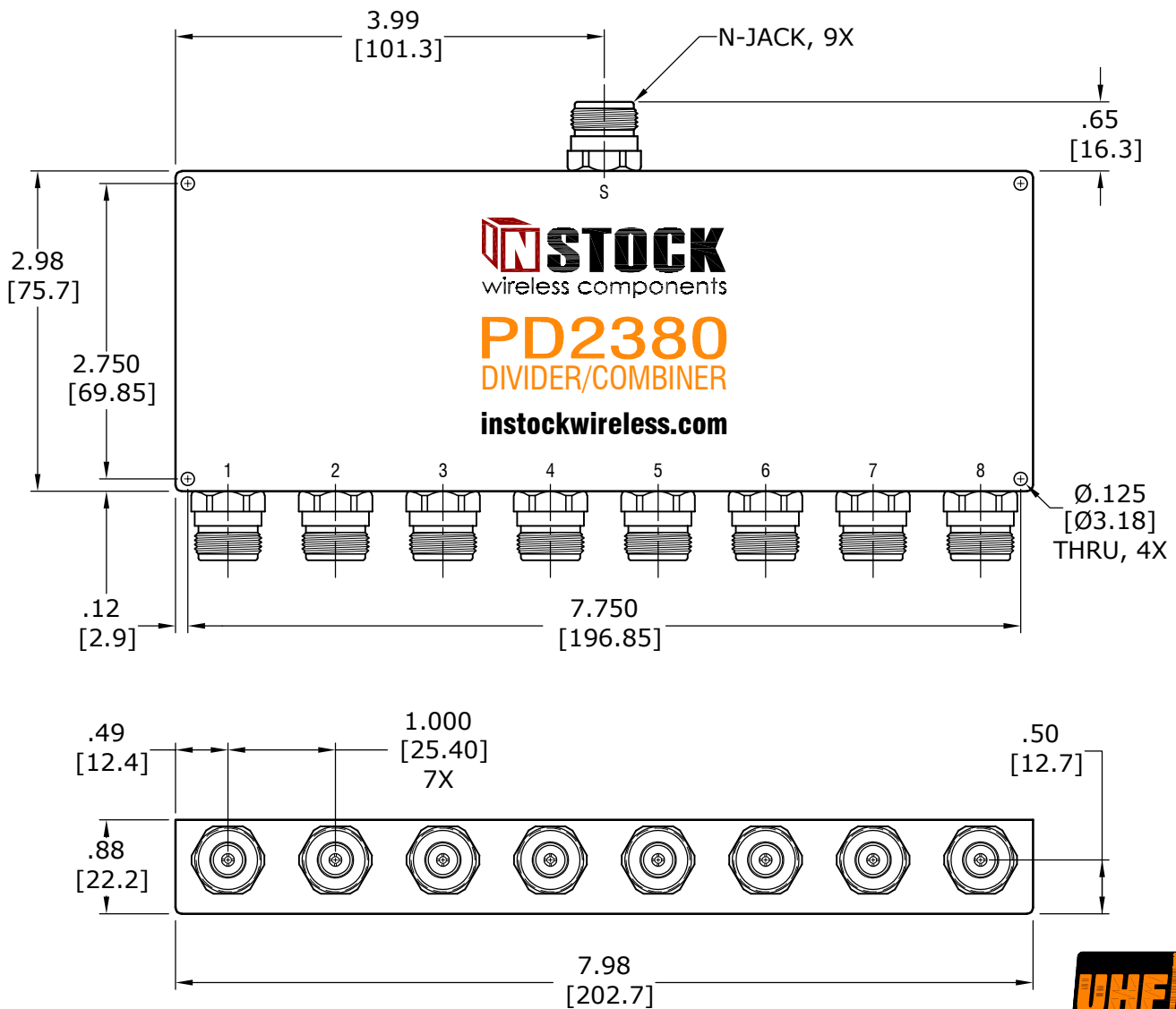
- 1.) CONNECTORS: TYPE N FEMALE (JACK), 50 OHM
- 2.) CONNECTOR BODY: BRASS, TRI-ALLOY PLATE
- 3.) CONNECTOR PIN: PHOSPHOR BRONZE, GOLD PLATE
- 4.) INSULATOR: PTFE, VIRGIN ELECTRICAL GRADE
- 5.) HOUSING: ALUMINUM, CLEAR CHEM CONVERSION FILM, RoHS COMPLIANT (NO HEX CHROM)
- 6.) SOLDER: LEAD FREE, RoHS COMPLIANT
- 7.) OPERATING TEMP: -65°C TO +85°C
- 8.) WEIGHT: 864 GRAMS

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

INTO MATCHED LOAD VSWR's	IN-PHASE	180° OUT-OF-PHASE
1.2 : 1	30 WATTS	30 WATTS
2.0 : 1	30 WATTS	30 WATTS
∞	15 WATTS	3 WATTS

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

COHERENT SIGNALS (IN-PHASE)	8 X 3.75 WATTS
COHERENT SIGNALS (180° OUT-OF-PHASE)	8 X 0.375 WATTS
NON-COHERENT SIGNALS	8 X 0.75 WATT
OTHER CONDITIONS - CONSULT FACTORY	



REV	DESCRIPTION	BY	DATE	TOLERANCES			MODEL NO. <b>PD2380</b>
				INCHES	MILLIMETERS		
				.00 = ±.01	.0 = ±.25	www.instockwireless.com	TITLE 8 WAY POWER DIVIDER COMBINER, N TYPE JACK, 350 - 1000 MHz, 30W, 50 OHM, 0 DEGREE (IN-PHASE), RoHS
				.000 = ±.004	.00 = ±.10		
				DRAWN: KMG	APPROVED: MJD		
				DATE: 01/23/18	DATE: 01/23/18		