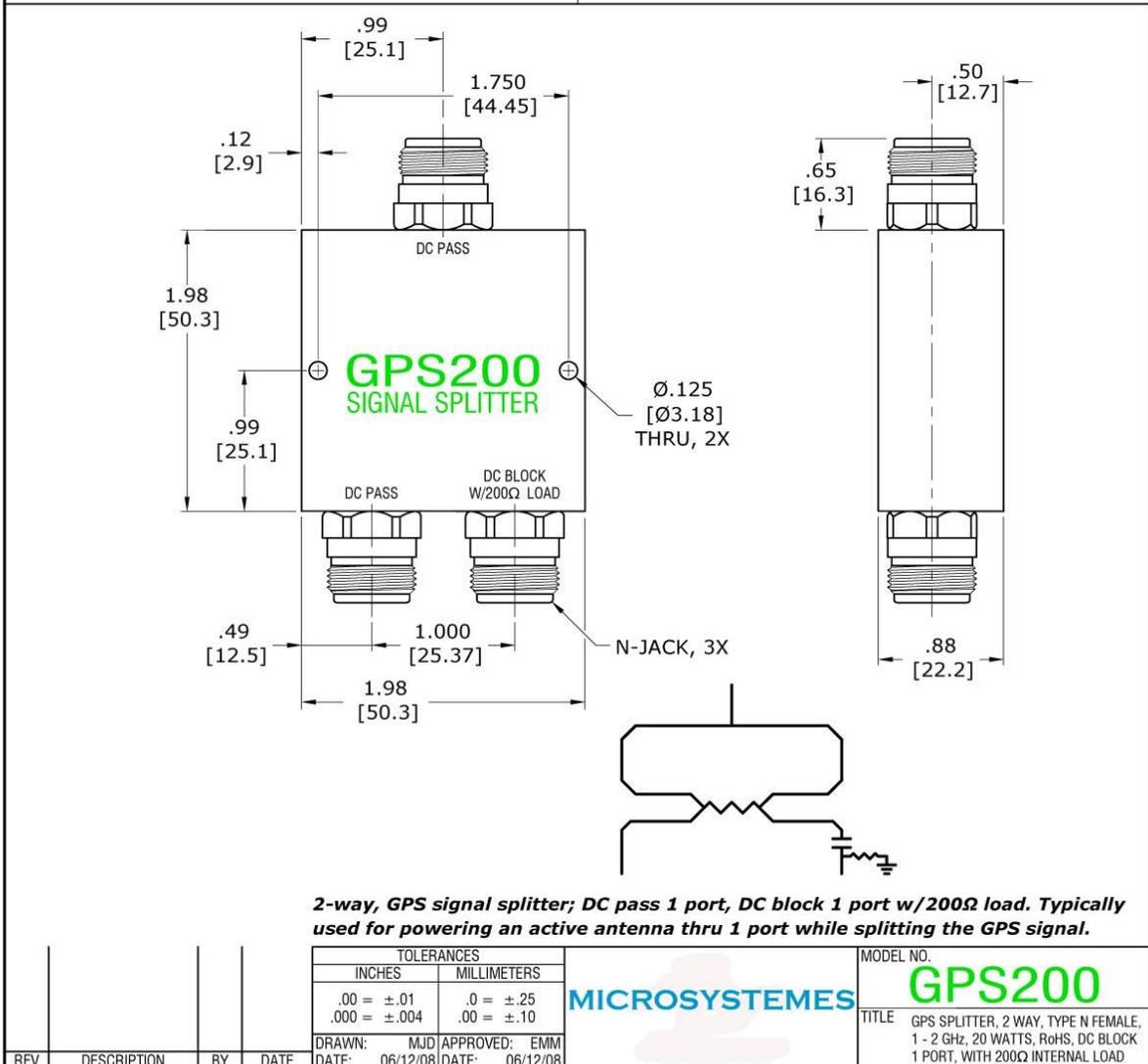


<b>ELECTRICAL SPECIFICATIONS:</b> 1.) FREQUENCY RANGE: 1.000 - 2.000 GHz 2.) IMPEDANCE: 50 OHMS 3.) INSERTION LOSS (MAX): 0.4 dB (ABOVE 3.01 dB SPLIT) 4.) AMPLITUDE BALANCE (MAX): 0.2 dB 5.) PHASE BALANCE (MAX): 3 DEGREES 6.) ISOLATION (MIN): 22 dB 7.) INPUT VSWR (MAX): 1.20 : 1 8.) OUTPUT VSWR (MAX): 1.20 : 1 9.) DC VOLTAGE (MAX): 10 V 10.) DC CURRENT (MAX): 50 mA		<b>MECHANICAL SPECIFICATIONS:</b> 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: 174 GRAMS													
<b>RF INPUT POWER RATING (POWER DIVIDER SPLITTER):</b> <table border="1"> <thead> <tr> <th>INTO MATCHED LOAD VSWR's</th> <th>IN-PHASE</th> <th>180° OUT-OF-PHASE</th> </tr> </thead> <tbody> <tr> <td>1.2 : 1</td> <td>20 WATTS</td> <td>20 WATTS</td> </tr> <tr> <td>2.0 : 1</td> <td>20 WATTS</td> <td>5 WATTS</td> </tr> <tr> <td>∞</td> <td>10 WATTS</td> <td>0.5 WATTS</td> </tr> </tbody> </table>		INTO MATCHED LOAD VSWR's	IN-PHASE	180° OUT-OF-PHASE	1.2 : 1	20 WATTS	20 WATTS	2.0 : 1	20 WATTS	5 WATTS	∞	10 WATTS	0.5 WATTS	<b>RF INPUT POWER RATING (POWER COMBINER):</b> COHERENT SIGNALS (IN-PHASE) 2 X 10 WATTS COHERENT SIGNALS (180° OUT-OF-PHASE) 2 X 0.25 WATTS NON-COHERENT SIGNALS 2 X 0.5 WATTS OTHER CONDITIONS - CONSULT FACTORY	
INTO MATCHED LOAD VSWR's	IN-PHASE	180° OUT-OF-PHASE													
1.2 : 1	20 WATTS	20 WATTS													
2.0 : 1	20 WATTS	5 WATTS													
∞	10 WATTS	0.5 WATTS													





### ELECTRICAL SPECIFICATIONS:

1.) FREQUENCY RANGE:	1.000 - 2.000 GHz
2.) IMPEDANCE:	50 OHMS
3.) INSERTION LOSS (MAX):	0.6 dB (ABOVE 6.02 dB SPLIT)
4.) AMPLITUDE BALANCE (MAX):	0.3 dB
5.) PHASE BALANCE (MAX):	3 DEGREES
6.) ISOLATION (MIN):	22 dB
7.) INPUT VSWR (MAX):	1.30 : 1
8.) OUTPUT VSWR (MAX):	1.20 : 1
9.) DC VOLTAGE (MAX):	10 V
10.) DC CURRENT (MAX):	50 mA

### MECHANICAL SPECIFICATIONS:

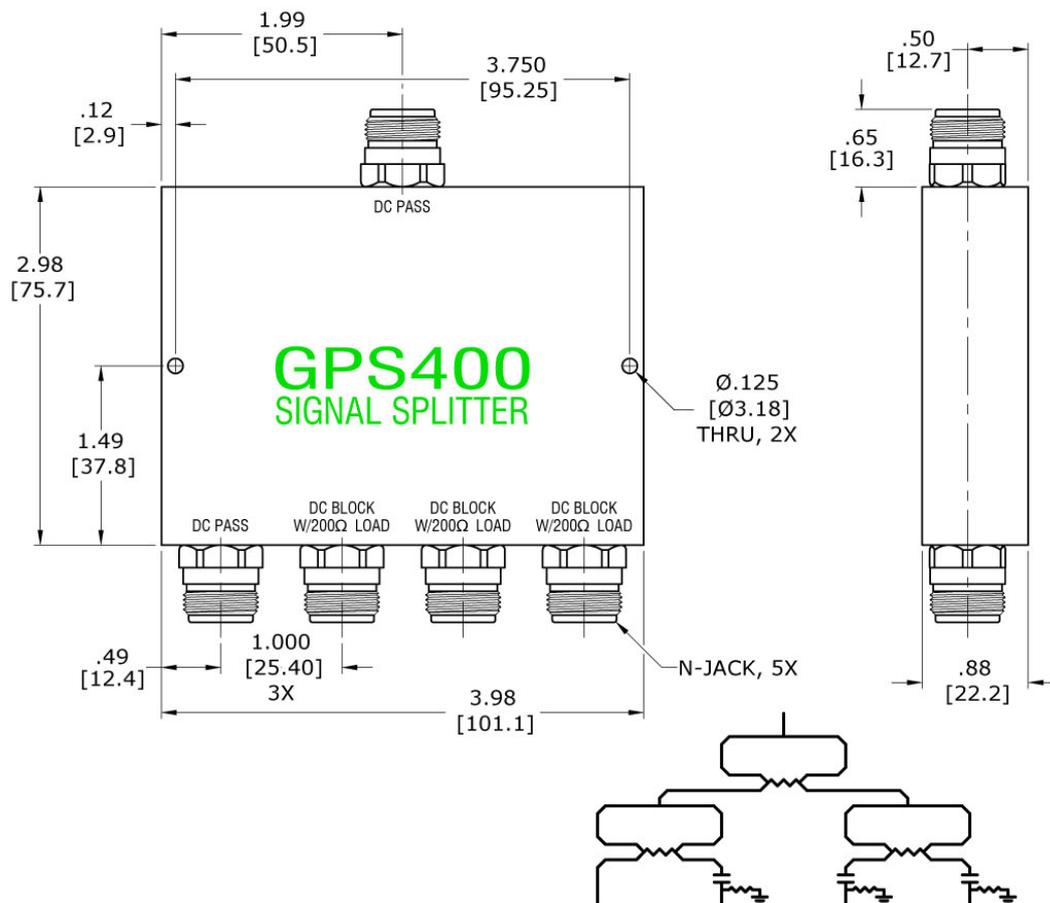
1.) CONNECTORS:	TYPE-N FEMALE (JACK), 50 OHM
2.) CONNECTOR BODY:	BRASS, TRI-ALLOY PLATE
3.) CONNECTOR PIN:	PHOSPHOR BRONZE, GOLD PLATE
4.) INSULATOR:	PTFE, VIRGIN ELECTRICAL GRADE
5.) HOUSING:	ALUMINUM, CLEAR CHEM CONVERSION FILM, RoHS COMPLIANT (NO HEX CHROM)
6.) SOLDER:	LEAD FREE, RoHS COMPLIANT
7.) OPERATING TEMP:	-65°C TO +85°C
8.) WEIGHT:	452 GRAMS

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

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

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

COHERENT SIGNALS (IN-PHASE)	4 X 5 WATTS
COHERENT SIGNALS (180° OUT-OF-PHASE)	4 X 0.25 WATTS
NON-COHERENT SIGNALS	4 X 0.5 WATTS
OTHER CONDITIONS - CONSULT FACTORY	



**4-way, GPS signal splitter; DC pass 1 port, DC block 3 ports w/200Ω loads. Typically used for powering an active antenna thru 1 port while splitting the GPS signal.**