ELECTRICAL SPECIFICATIONS:
1.) FREQUENCY RANGE: 350 - 1000 MHz
2.) IMPEDANCE: 50 OHMS
3.) INSERTION LOSS (MAX): 1.0 dB (ABOVE 6.02 dB SPLIT)
4.) AMPLITUDE BALANCE (MAX): 0.3 dB
5.) PHASE BALANCE (MAX): 5 DEGREES
6.) ISOLATION (MIN): 22 dB
7.) INPUT VSWR (MAX): 1.35 : 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: 452 GRAMS

RF INPUT POWER RATING (POWER DIVIDER SPLITTER):
<table>
<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>30 WATTS</td>
<td>30 WATTS</td>
</tr>
<tr>
<td>2.0 : 1</td>
<td>30 WATTS</td>
<td>15 WATTS</td>
</tr>
<tr>
<td>∞</td>
<td>15 WATTS</td>
<td>1.5 WATTS</td>
</tr>
</tbody>
</table>

RF INPUT POWER RATING (POWER COMBINER):
| COHERENT SIGNALS (IN-PHASE) | 4 X 7.5 WATTS |
| COHERENT SIGNALS (180° OUT-OF-PHASE) | 4 X 0.375 WATTS |
| NON-COHERENT SIGNALS | 4 X 0.75 WATTS |
| OTHER CONDITIONS - CONSULT FACTORY |              |

PD2340
DIVIDER/COMBINER

DESCRIPTION
1.000 [25.40] THRU, 3X
0.125 [03.18] THRU, 2X
0.50 [12.7] THRU, 1X
1.000 [25.40] IN-PHASE
2.000 [50.80] OUT-OF-PHASE

REV   DRAWN: MJD   APPROVED: MJD
INCHES   MILLIMETERS
0.00 = ±.01   0 = ±.25
0.000 = ±.004  .00 = ±.10

1.15 : 1
22 dB
5 DEGREES
1.0 dB (ABOVE 6.02 dB SPLIT)