

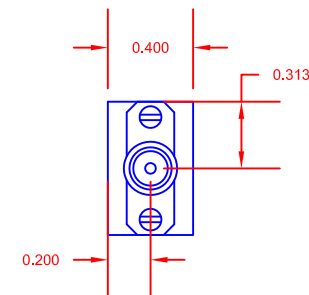
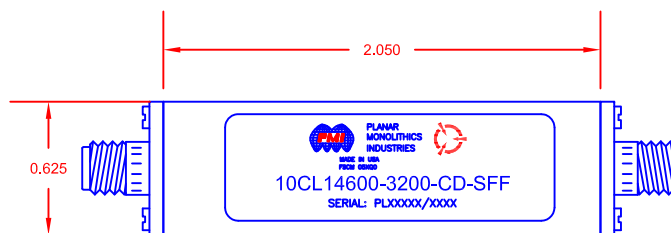
## DESCRIPTION:

PMI model number 10CL14600-3200-CD-SFF is a Combine Bandpass filter with SMA female connectors in and out. All filters will be machined and silver plated to provide the highest possible Q.

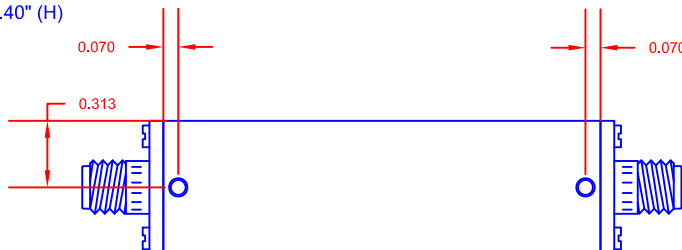
| REVISIONS |      |                  |         |          |
|-----------|------|------------------|---------|----------|
| ZONE      | REV. | DESCRIPTION      | DATE    | APPROVED |
|           | —    | ORIGINAL RELEASE | 1/11/06 |          |
|           |      |                  |         |          |

## SPECIFICATIONS:

- CENTER FREQUENCY: · · · · · 14600 MHz
- 0.5dB BANDWIDTH: · · · · · 3200 MHz typical
- VSWR IN THE PASS BAND: · · · · · 1.5:1 MAX.
- INSERTION LOSS (PASSBAND) · · · · · 1 dB MAX.
- REJECTION @ 18000 Mhz · · · · · -50 dBc
- REJECTION @ 12000 Mhz · · · · · -45 dBc



- CONNECTORS: · · · · · SMA FEMALE CONNECTORS
- SIZE · · · · · 2.05" (L) x 0.625" (W) x 0.40" (H)
- WEIGHT · · · · · 1 OZ. TYP.



## ENVIRONMENTAL RATINGS:

- TEMPERATURE: · · · · · -55°C TO +85°C (OPERATING)  
-65°C TO +125°C (STORAGE)
- HUMIDITY: · · · · · MIL-STD-202F, METHOD 103B COND. B
- SHOCK: · · · · · MIL-STD-202F, METHOD 213B COND. B
- VIBRATION: · · · · · MIL-STD-202F, METHOD 204D COND. B
- ALTITUDE: · · · · · MIL-STD-202F, METHOD 105C COND. B
- SALT FOG: · · · · · MIL-STD-202F, METHOD 107D COND. A
- FUNGUS: · · · · · MIL-STD-810C, METHOD 508.2
- TEMPERATURE CYCLE: · · · · · MIL-STD-202F, METHOD 107

ALL DIMENSIONS ARE IN INCHES  
TOLERANCES:  
X.XX ±0.010  
X.XXX ±0.005

|                   |         |                                                                                                                                                               |                |
|-------------------|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| PART NO. 27001641 |         |  PLANAR MONOLITHICS INDUSTRIES<br>7311-F GROVE RD<br>FREDERICK, MARYLAND |                |
| APPROVALS         | DATE    | TITLE                                                                                                                                                         |                |
| DRAWN PRS         | 1/11/06 | OUTLINE DRAWING<br>10CL14600-3200-CD-SFF                                                                                                                      |                |
| CHECKED           |         |                                                                                                                                                               |                |
| ISSUED            |         | SIZE A                                                                                                                                                        | FSCM NO. 1QJW0 |
|                   |         | DWG NO. 27001641                                                                                                                                              | REV. —         |
|                   |         | SCALE N/A                                                                                                                                                     | SHEET 1 OF 1   |

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION