

# Delta Datasheet

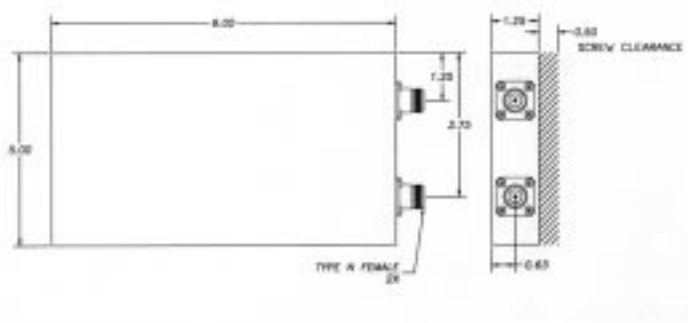
## Technical Data on Delta Microwave Products

### PCS Reciever Filter Full Band PCS

#### Model **L2803-2**

##### **Features:**

Compact Size  
Rack mount ready  
Co-Axial Cavity Configuration  
Ultra Low Loss  
High Performance  
Low Cost



##### **Description:**

Delta Microwave designed and developed the Model 2803 PCS Transmit filter for applications where both size and performance are critical factors.

The L2805 utilizes a eight section high "Q" cavity notch filter for superior loss and rejection.

The housing is machined from solid 6061 T-6 aluminum and silverplated per MIL standards (nickle is never allowed in any of our plating processes). The resonators are turned from solid brass stock and silverplated per the same specifications as the housing. Delta Microwave only uses the highest quality materials for the construction of this diplexer.

For more information on our products, Delta Microwave can be contacted Via the Internet at <http://www.deltamicrowave.com>. Or you can call or fax your request Delta Microwave, or contact one of our sales representatives in your area.

##### **Specifications:**

|                            |                              |
|----------------------------|------------------------------|
| Passband .....             | 1930 to 1990 MHz             |
| Insertion Loss .....       | 0.4 dB MAX (0.3 Typ.)        |
| VSWR.....                  | 1.5:1                        |
| Isolation .....            | >60 dB from 1850 to 1910 MHz |
| Ripple .....               | 0.25 dB                      |
| Connectors.....            | "N" Female                   |
| Operating Temperature..... | -50 to +70°C                 |
| Size .....                 | 1.25 x 5.0 x 9.0             |



*\*For a full set of L5811 specifications, please contact the factory.*