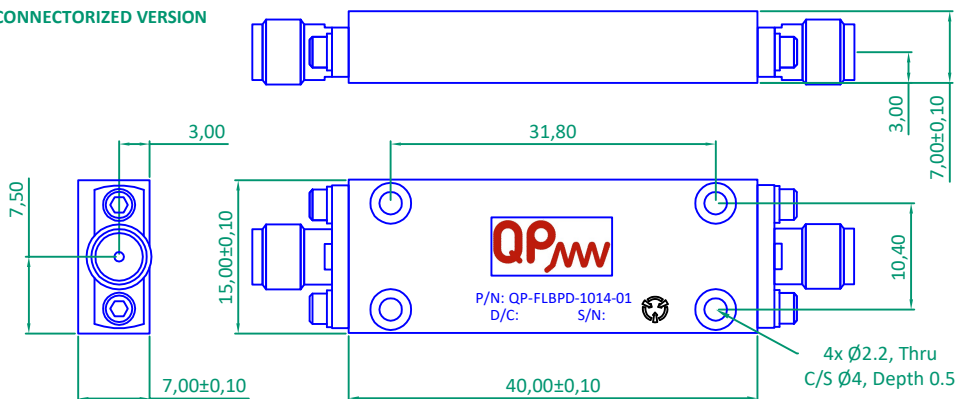


A

A

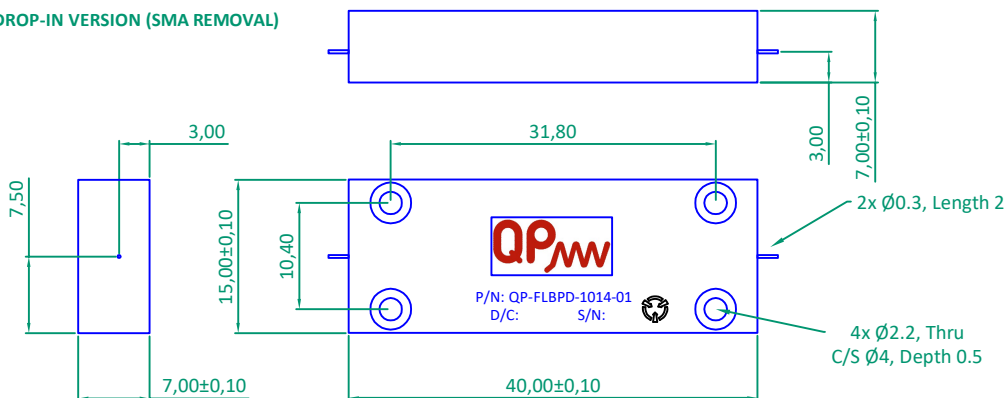
CONNECTORIZED VERSION



B

B

DROP-IN VERSION (SMA REMOVAL)



C

C

ALL DIMENSIONS SHOWN ARE IN mm

ELECTRICAL SPECIFICATIONS:

|                      |   |
|----------------------|---|
| PASS BAND FREQUENCY: | 10 - 14.5 GHz   |
| INSERTION LOSS:      | 2.5 dB MAX.   |
| VSWR:                | 2.0:1 MAX.  |
| INPUT POWER:         | 20 dBm MAX.   |
| REJECTION:           | 50 dB @ f < 9 GHz<br>40 dB @ 9.25 GHz<br>20 dB @ 9.5 GHz<br>20 dB @ 15 GHz<br>40 dB @ 15.5 GHz < f < 20 GHz |
| IMPEDANCE:           | 50 Ω  |
| CONNECTORS:          | FIELD-REPLACEABLE SMA / GOLD PLATED BERYLLIUM COPPER PIN  |

D

D

ENVIRONMENTAL RATINGS

|                |   |
|----------------|---|
| - TEMPERATURE: | -40°C TO +85°C (OPERATING)<br>-55°C TO +125°C (STORAGE) |
| - HUMIDITY:    | MIL-STD-202G, METHOD 103B COND. B                       |
| - SHOCK:       | MIL-STD-202G, METHOD 213B COND. B                       |
| - VIBRATION:   | MIL-STD-202G, METHOD 204D COND. B                       |
| - ALTITUDE:    | MIL-STD-202G, METHOD 105C COND. B                       |
| - TEMP. SHOCK: | MIL-STD-202G, METHOD 107G COND. A                       |

FINISH: SILVER PLATING



NOTE: The above specifications are subject to change or revision. Specifications are at 25°C unless stated otherwise

F

F



**QP microWAVE**  
CÓLQUIDE 6  
28231 LAS ROZAS  
MADRID, SPAIN

| APPROVALS | DATE     | SIGNED |
|-----------|----------|--------|
| DRAW      | 05/11/19 | BME    |
| CHECKED   | 05/11/19 | JAV    |
| APPROVED  | 05/11/19 | JAV    |

|  |            |               |
|--|------------|---------------|
| DESCRIPTION: <b>BAND PASS FILTER 10-14.5 GHz</b> | REV.:      | SHEET:        |
| CODE: <b>QP-FLBPD-1014-01</b>                    | <b>001</b> | <b>1 OF 1</b> |