

SPECIFICATION

DUPLEXER
PART NUMBER: FN-3820

5/2/17 Corrected TX Pass Band

| ISSUED / REVISION | ENGINEER APPROVED | DOCUMENT CHECKED | DRAFTSMAN |
|---------------------------|-------------------|------------------|-----------|
| 2/22/2007 ** | | | |
| 5/2/17 TG ^(kn) | | | |
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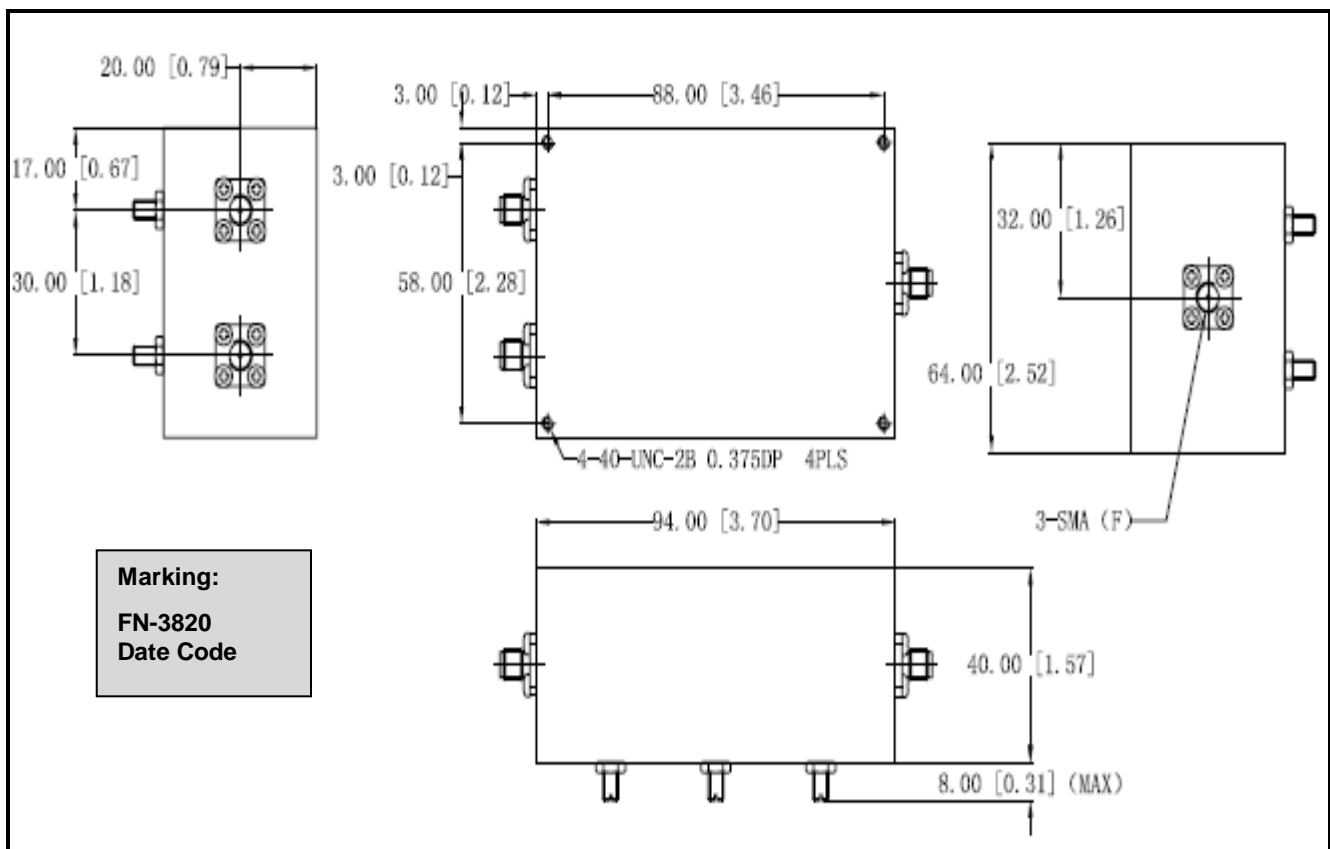
FILTRONETICS Inc

1. Part Number: FN-3820

2. Electrical Specifications:

| | |
|--------------------------|----------------------------------|
| Pass Band: RX | 849 to 850.5 MHz (Fo=849.75 MHz) |
| Pass Band: TX | 894 to 895.5 MHz (Fo=894.75 MHz) |
| Pass Band Insertion Loss | 2.5 db max |
| Return Loss | 18 dB min |
| 25 dBc Band Width | Fo ± 15 MHz max |
| 50 dBc Band Width | Fo ± 40 MHz max |
| Impedance | 50 Ohms |
| Power | 10 Watt max |
| Operating Temperature | -30 to +85°C |
| Connectors | SMA (f) 2x |

3. Mechanical Package:



4. Theoretical:

