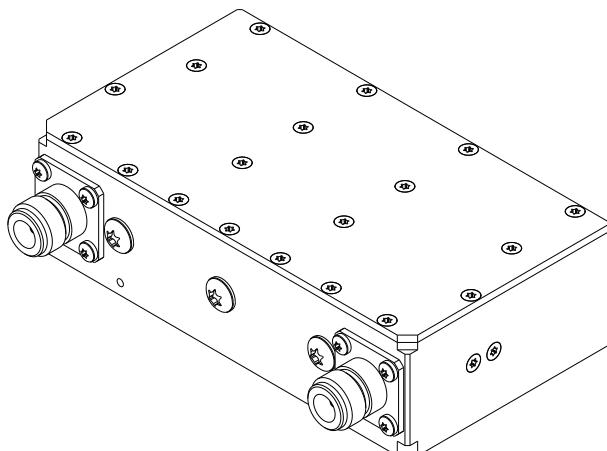


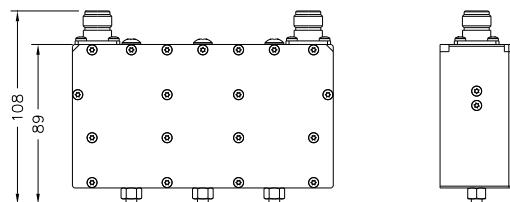
868 MHz IoT 3-Pole Bandpass Filter

CL3P868



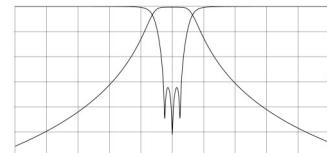
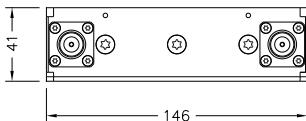
FEATURES

- 3-Pole
- 30 mm Cavity Size
- DC Short



SPECIFICATIONS

| | |
|----------------------------------|---|
| Code / Revision | E-CL3P868 / C |
| Order / Cavity Size | 3-Pole / 30 mm |
| Frequency Range / Bandwidth | 868 MHz / 3 MHz |
| Max Operating Temperature (Body) | 65°C (149°F) |
| Environmental Conditions | -5 to +55°C (+23 to +131°F), IP60 |
| Dimensions / Weight | 146x41x108 mm / 0.7 kg (1.5 lb.) |
| Connectors | 2x 25 mm Series Input; Output |
| | D-PC25C N Female (Default) |
| | D-PC25E 7-16 Female |
| Options | O-KC1.01 1U 19" Rack with Panel and Handles |



TUNING DATA

| | | |
|-----------------------|-------------------------------|---------------------|
| Bandwidth | 3 MHz | |
| Max RMS Input Power | 50 W | |
| Insertion Loss | < 0.55 dB (867.5 - 868.5 MHz) | |
| Bandpass Ripple | < 0.10 dB | (867.5 - 868.5 MHz) |
| Selectivity | C.F. ± 15 MHz | > 23 dB |
| | C.F. ± 20 MHz | > 30 dB |
| | C.F. ± 30 MHz | > 41 dB |
| | C.F. ± 50 MHz | > 54 dB |
| Harmonic Attenuation | > 60 dB up to 3.0 GHz | |
| Return Loss / VSWR | > 22 dB / < 1.17 | |
| Group Delay Variation | < 2 ns | |