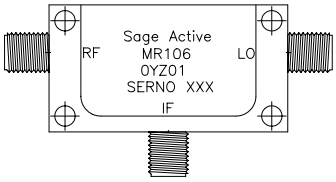
| SPECIFICATION BULLETIN | MR106H Triple Balanced Mixer<br>RF/LO: 2.0 to 18.0 GHz IF: 10 to 5000 MHz |
|---|---|



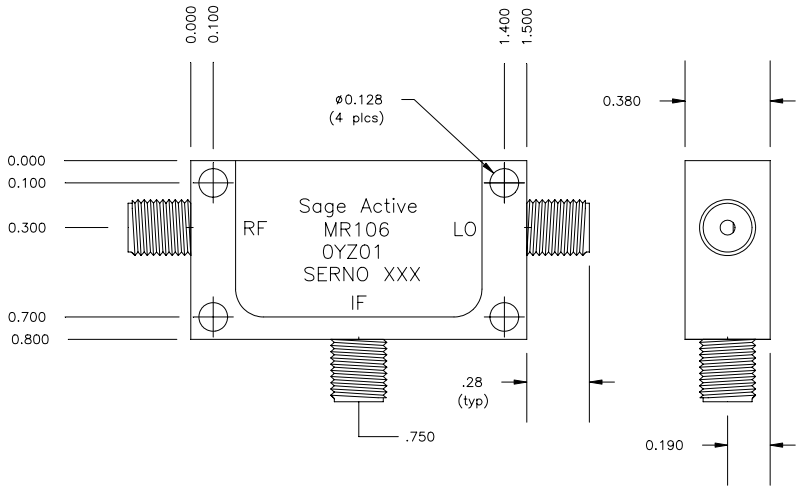

**Standard Product Features:**

- Broadband Performance
- 6.0 dB Typical Conversion Loss
- 30 dB Typical Isolation
- Broadband IF Coverage
- Low Cost
- Versatile Package

| SPECIFICATIONS | TYPICAL | Min. | Max. |
|---|---|---|---|
| RF/LO Frequency Range (GHz) | ----- | 2 | 18 |
| IF Frequency Range (3dB Bandwidth) (MHz) | ----- | 10 | 5000 |
| Conversion Loss (dB) | 6.0 | ----- | 9.5 |
| VSWR, RF Port | 2.2:1 | --- | ----- |
| LO Port | 1.8:1 | --- | ----- |
| Isolation, LO to RF (dB) | 30 | 20 | --- |
| LO to IF (dB) | 25 | 20 | ----- |
| LO Drive Range (dBm) | 19 | 17 | 22 |
| Input 1 dB Compression Point (dBm) | +9 | +6 | ----- |
| Input Two-Tone Third Order IP (IP3) (dBm) | +19 | +14 | ----- |
| Operating Temperature Range (Degrees C) | ----- | -54 | +95 |
| Storage Temperature (Degrees C) | ----- | -65 | +125 |

Note: Custom designs also available. Consult factory for assistance on your specific requirements.

## OUTLINE DRAWING




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