

**SILICON BIPOLAR MMIC
CASCADABLE AMPLIFIERS**

DIE FORM SELECTION GUIDE

M-Pulse Part Number	3dB BW (GHz)	Gain ¹ (dB)	P1dBc (dBm)	IP3 (dBm)	NF (dB)	Vd (V)
MP4TD0600	DC to 0.8	20	+3.0	+14.5	3.0	3.5
MP4TD1100	DC to 1.0	12.5	+17.5 ²	+30.0	4.5	5.5
MP4TD0700	DC to 1.5	13.5	+5.5	+19.0	4.5	4.0
MP4TD0300	DC to 2.0	13.0	+10.0	+23.0	5.5	5.0
MP4TD0400	DC to 3.2	9.0	+12.5	+25.5	6.2	5.25
MP4TD0800	up to 4.0	18.5	+14.0	+27.0	3.2	7.8
MP4TD0900	DC to 4.5	8.0	12.0	+23.0	6.0	7.8

* Data at 1GHz unless otherwise specified. See detailed data sheets.

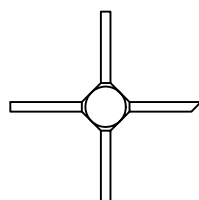
¹ Data at 0.1GHz

² Data at 0.7GHz

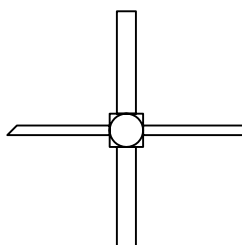
- MOST PRODUCT AVAILABLE FROM STOCK
- SAMPLES AVAILABLE UPON REQUEST
- AVAILABLE IN DIE, SOT, MICRO-X, AND HERMETIC PACKAGES
- MIL-STD-883 EQUIVALENT SCREENING AVAILABLE

MICRO-X PACKAGE OPTIONS:

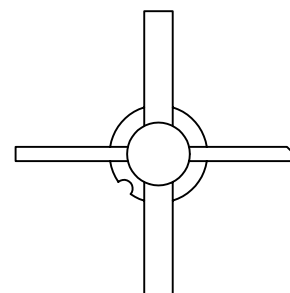
(NOT TO SCALE)



CERAMIC
MICRO-X



GOLD-CERAMIC
HERMETIC
70 & 100 MIL



GOLD-BeO
HERMETIC
200 MIL