

BIPOLAR TRANSISTORS

DIE FORM SELECTION GUIDE

M-Pulse Part Number	f_T (GHz)	$[S_{21}]^2$ (dB)	P1dBc (dBm)	NF (dB)	V_{CE} (V)
MP42001	2.3	16.0 ¹	N/A	1.7 ¹	10
MP4T56800	4.2	12.0	+22.5	N/A	10
MP4T3243	6.0	7.0	+20.0 ²	2.2	3
MP4T243	7.0	12.0	+22.0	3.0	12
MP4T856	7.0	13.5	+16.0	1.6	8
MP4T6852	8.0	15.0	+15.0	1.8	8
MP4T645	10.0	18.0	+16.0	1.7	8
MP4T6365	10.0	14.0	+16.0 ²	1.3	3
MP4T6325	11.0	12.0	+7.0 ³	1.5	3
MP4T6310	14.0	12.0	+1.5	1.5	3

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

¹ Data at 0.45GHz

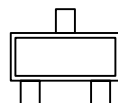
² Data at 2GHz

³ Data at 0.9GHz

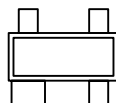
- MOST PRODUCT AVAILABLE FROM STOCK
- SAMPLES AVAILABLE UPON REQUEST
- AVAILABLE IN DIE, SOT, MICRO-X PACKAGE, AND HERMETIC PACKAGES
- JAN, JANTX, JANTXV EQUIVALENT SCREENING AVAILABLE

COMMERCIAL PACKAGE OPTIONS:

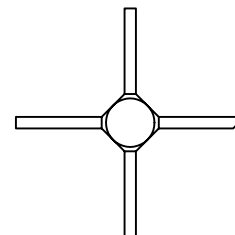
(NOT TO SCALE)



SOT-23



SOT-143



MICRO-X