


1025-1150 MHz CLASS C, COMMON BASE, PULSED, DME/TACAN (CONT'D)

PART NO.	FREQ. (MHz)	P _{OUT} MIN (W)	P _{IN} (W)	GAIN MIN (dB)	η_c MIN (%)	V _{CC} (V)	R _{TH(j-c)} MAX (°C/W)	PACKAGE STYLE
SD1538-02	1025-1150	150	25	7.8	—	50	0.3	M103
SD1538-08	1025-1150	150	25	7.8	—	50	0.3	M138
MSC81175M	1025-1150	175	30	7.6	40	50	0.3	S042
MSC81250M	1025-1150	250	60	6.2	40	50	0.2	S042
MSC81325M	1025-1150	325	70	6.7	40	50	0.17	S042
SD1540	1025-1150	300	70	6.3	35	50	0.2	M103
SD1540-08	1025-1150	300	70	6.3	35	50	0.2	M138
SD1541-01	1025-1150	400	90	6.5	—	50	0.12	M112
MSC81400M*	1025-1150	400	90	6.5	40	50	0.12	S038
SD1542	1025-1150	550	150	5.6	—	50	0.06	M112

Pulse Conditions 10 μ Sec, 1% Duty Cycle unless otherwise specified

*Not recommended for new design