

## RF/Microwave Devices

### Microwave Transistors, Pulsed Power (cont.)

Type No.	Package Outline	f (GHz)	V <sub>CC</sub> (V)	t <sub>p</sub> @ Duty Cycle (μs) (%)	P <sub>L</sub> (W)	G <sub>p</sub> (dB)	η <sub>C</sub> (%)
<b>RADAR PULSED, S-BAND</b>							
RZ2731B16W	FO-57D	2.7 - 3.1	40	100	10	15	32
RZ3135B14W	FO-57D	3.1 - 3.5	40	100	10	13	30
RZ2731B32W	FO-57D	2.7 - 3.1	40	100	10	30	32
RZ3135B28W	FO-57D	3.1 - 3.5	40	100	10	27	30
RZ2731B48W	FO-57D	2.7 - 3.1	40	100	10	45	32
RZ3135B42W	FO-57D	3.1 - 3.5	40	100	10	40	30
RZ2731B60W	FO-57D	2.7 - 3.1	40	100	10	60	35
RZ3135B50W	FO-57D	3.1 - 3.5	40	100	10	50	30
RV3135B5X	FO-83	3.1 - 3.5	24	100	10	4	30
RX2731B90W	FO-125A	2.7 - 3.1	40	100	10	90	35
RX3034B70W	FO-125A	3.0 - 3.4	40	100	10	70	30
<b>AVIONICS PULSED</b>							
MTB10010U	FO-41B	1.03	24	10	1	9.5	50
MRB11040W	FO-67	1.03	50	1	1	60	35
MX1011B430W	FO-91	1.03	45	30	1	480	45
MRB11175Y	FO-67	1.09	50	10	1	175	35
MRB11350Y	FO-67	1.09	50	10	1	350	30
MSB11900Y	FO-96	1.09	50	10	1	800	30
MX1011B200Y	FO-91	1.09	50	10	1	200	48
MX1011B700Y	FO-91	1.09	50	10	1	650	48
RZB12050Y	FO-57C	1.09	50	100	10	35	30
RZB12100Y	FO-57C	1.09	50	100	10	80	30
RZB12250Y	FO-57C	1.09	50	100	10	200	30
RXB12350Y	FO-91	1.09	50	100	10	300	30
MZ0912B50Y	FO-91	0.96 - 1.215	50	10	10	50	42
MZ0912B100Y	FO-91	0.96 - 1.215	50	10	10	100	42
MX0912B250Y	FO-91	0.96 - 1.215	50	10	10	235	42
MX0912B350Y	FO-91	0.96 - 1.215	50	10	10	325	40

### Microwave Transistors, Continuous Power

Type No.	Package Outline	f (GHz)	V <sub>CE</sub> (V)	I <sub>C</sub> (mA)	P <sub>L1</sub> (1) (W)	G <sub>PO</sub> (2) (dB)
<b>CLASS A, MEDIUM POWER</b>						
LEE1015T	SOT-122	1	20	200	1.5 typ	14 typ
LTE1015T	FO-41B	1	20	200	1.5 typ	14 typ
LBE2003S	FO-45	2.0	18	30	.200	—
LCE2003S	FO-46	2.0	18	30	.200	—
LBE2009S	FO-45	2.0	18	110	.700	9.8
LCE2009S	FO-46	2.0	18	110	.700	9.8
LUE2003S	FO-163	2.0	18	30	.200	11
LUE2009S	FO-163	2.0	18	110	.700	9.8
LTE21009R	FO-41B	2.1	16	150	1 typ	8.5
LTE21015R	FO-41B	2.1	16	250	1.5	8.1
LTE21025R	FO-41B	2.1	16	400	2.0	8.8
LWE2010S	FO-93	2.3	18	110	.800	8
LWE2015R	FO-93	2.3	16	250	1.2	8.1
LWE2025R	FO-93	2.3	16	400	2.0	7.8

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