

Page #	Model	Frequency (GHz)	Peak Power (W)	Duty (%) Max	Typical Gain (dB) Min/Max @ Rated Pout	Efficiency (%) Typical	Modulation (Control Electrode)	Output Connection	Weight (Lbs/Kg) (NTE)
25	MEC 3095	1.9 – 2.7	6,000	10	30	33	GRID	SC	21.0/9.6
26	MEC 3102	2.0 – 4.0	4,500	6	35	29	GRID	SC	15.0/6.8
27	MTG 3041L1	2.0 – 8.0	1,000	6	35/43	17 *	GRID	SC	8.0/3.6
28	MTG 3041L2	2.0 – 8.0	2,000	6	38/58	24	GRID	SC	8.0/3.6
29	MTG 3041K	2.5 – 8.0	2,000 *	6	43/68	21 *	GRID	SC	8.0/3.6
30	MEC 3082	3.0 – 4.0	10,000	4	40	32	GRID	SC	15.0/6.8
31	MEC 3094	4.0 – 7.0	8,000 *	3	41/45	30	GRID	SC	8.0/3.6
32	MEC 3103	4.0 – 8.0	4,500	6	32/34	25	GRID	WRD 350	15.0/6.8
33	MEC 3096	5.0 – 11.0	1,780	5	37/38	34	GRID	WRD 475	9.0/4.1
34	MTI 3444L	6.5 – 18.0	1,580 *	6	43/46	14 *	GRID	WRD 650/750	7.0/3.2
35	MEC 3848	8.0 – 11.0	8,000 *	5	48/51	40	GRID	WR 90	9.5/4.3
36	MEC 3848N	8.0 – 12.0	5,000	8	48/58	32	GRID	WR 90	9.5/4.3
37	MTI 3044J	8.0 – 18.0	1,000	4	42/62	12 *	GRID	TNC	6.0/2.7
38	MTI 3048Q	8.2 – 12.4	3,000 *	8	43/50	24 *	GRID	WR 90	6.0/2.7
39	MTI 3048D	8.7 – 10.5	4,000 *	10	45/47	32 *	GRID	WR 90	6.0/2.7
40	MTI 3948B	8.8 – 10.5	8,000 *	5	48/51	35 *	GRID	WR 90	7.0/3.2
41	MTI 3948	8.8 – 10.5	8,700 *	2	50/51	30 *	GRID	WR 90	7.0/3.2
42	MTI 3948U	9.0 – 10.0	5500	11	47/48	38	GRID	WR 90	9.5/4.3
43	MEC 3104	12.0 – 18.0	3,470	6	32/39	38	GRID	WR 62	9.0/4.1
44	MTI 3056C	15.0 – 17.0	4,000 *	2	50/56	16 *	GRID	WR 62	6.5/3.0
45	MEC 3086	15.53 – 17.87	700	35	45/48	32	GRID	WR 62	9.5/4.3

* Over majority of frequency range – Performance may be reduced at band edges.

Jan-06

NOTES:

- 1) Teledyne MEC engineers can effectively align, combine or modify TWTs to achieve special specifications quickly and reliably.
- 2) Specific tests and conditions can be modified to customer specifications.
- 3) Published specifications are subject to change by Teledyne MEC at any time. We reserve the right to discontinue products without prior notice.
- 4) Teledyne MEC will furnish certificates of compliance and suitable test data as needed to meet customer quality and traceability requirements.

For further information call (916) 638-3344, FAX (916) 636-7453 or E:MAIL TWT_MARKETING@TELEDYNE.COM