

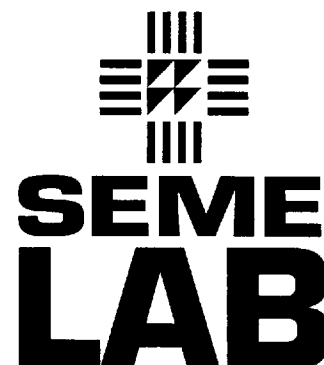
SEMELAB

SEMELAB LTD T. 27-01

BI-POLAR TRANSISTORS (CECC AND HIGH REL) & HIGH ENERGY

Type Number	Rel Code	Pol	Package	V _{ceo}	I _c (cont)	H _{fe}	@ V _{ce} /I _c	IT	Pd
2N2604	HR	PNP	T046	60		60min	5/1m	100M	0.4
2N2605	HR	PNP	T046	60		150min	5/1m	100M	0.4
2N2639	HR	NPN	T077	45	30m	65min	5/1m		0.3
2N2640	HR	NPN	T077	45	30m	65min	5/1m		0.3
2N2641	HR	NPN	T077	45	30m	65min	5/1m		0.3
2N2642	HR	NPN	T077	45	30m	130in	5/1m		0.3
2N2643	HR	NPN	T077	45	30m	130min	5/1m		0.3
2N2644	HR	NPN	T077	45	30m	130min	5/1m		0.3
2N2815	HR	NPN	T063	80	20	10-50	3/10		200
2N2816	HR	NPN	T063	100	20	10-50	3/10		200
2N2817	HR	NPN	T063	150	20	10-50	3/10		200
2N2818	HR	NPN	T063	200	20	10-50	3/10		200
2N2819	HR	NPN	T063	80	25	10-50	3/15		200
2N2820	HR	NPN	T063	100	25	10-50	3/15		200
2N2821	HR	NPN	T063	150	25	10-50	3/15		200
2N2822	HR	NPN	T063	200	25	10-50	3/15		200
2N2823	HR	NPN	T063	80	30	10-40	3/20		200
2N2824	HR	NPN	T063	100	30	10-40	3/20		200
2N2825	HR	NPN	T063	150	30	10-40	3/20		200
2N2890	HR	NPN	T039	80	2	30-90	2/1	30M	0.8
2N2891	HR	NPN	T039	80	2	50-150	2/1	30M	0.8
2N2892	HR	NPN	T059	80	2	30-90	2/1	30M	0.8
2N2894	HR	PNP	T018	12	0.2	40-150	0.5/30m	400M	0.36
2N2894A	HR	PNP	T018	12	0.2	40min	0.5/30m	800M	0.36
2N2895	HR	NPN	T018	65	1	50min	5/5m	120M	0.5
2N2896	HR	NPN	T018	90	1	50min	5/5m	120M	0.5
2N2897	HR	NPN	T018	60	1	50min	5/5m	120M	0.5
2N2904	HR	PNP	T039	40	0.6	40-120	10/0.15	200M	0.6
2N2904A	HR	PNP	T039	60	0.6	40-120	10/0.15	200M	0.6
2N2904A1	HR	PNP	T05	60	0.6	40-120	10/0.15	200M	0.6
2N2904L	HR	PNP	T05	60	0.6	40-120	10/0.15	200M	0.6
2N2905	HR	PNP	T039	40	0.6	100-300	10/0.15	200M	0.6
2N2905A	HR	PNP	T039	60	0.6	100-300	10/0.15	200M	0.6
2N2905AL	HR	PNP	T05	60	0.6	100-300	10/0.15	200M	0.6
2N2905L	HR	PNP	T05	60	0.6	100-300	10/0.15	200M	0.6
2N2906	HR	PNP	T018	40	0.6	40-120	10/0.15	200M	0.4
2N2906A	HR	PNP	T018	60	0.6	40-120	10/0.15	200M	0.4
2N2907	HR	PNP	T018	40	0.6	100-300	10/0.15	200M	0.4
2N2907A	HR	PNP	T018	60	0.6	100-300	10/0.15	200M	0.4
2N2913	CECC	NPN	T077	45	30m	60-240	5/10u	60M	0.6
2N2914	CECC	NPN	T077	45	30m	150-600	5/10u	60M	0.6
2N2915	CECC	NPN	T077	45	30m	60-240	5/10u	60M	0.6
2N2916	CECC	NPN	T077	45	30m	150-600	5/10u	60M	0.6
2N2917	CECC	NPN	T077	45	30m	60-240	5/10u	60M	0.6
2N2918	CECC	NPN	T077	45	30m	150-600	5/10u	60M	0.6
2N2919	CECC	NPN	T077	60	30m	60-240	5/10u	60M	0.6
2N2920	CECC	NPN	T077	60	30m	150-600	5/10u	60M	0.6
2N2991	HR	NPN	T05	80	1	25-75	5/0.2	30M	2
2N2992	HR	NPN	T05	100	1	25-75	5/0.2	30M	2
2N2993	HR	NPN	T05	80	1	60-120	5/0.2	30M	2
2N2994	HR	NPN	T05	100	1	60-120	5/0.2	30M	2
2N3007	HR	NPNP	T039						
2N3008	HR	NPNP	T039						
2N3011	HR	PNP	T018	12	0.2	30-120	0.35/100m	400M	0.36
2N3012	HR	PNP	T018	12	0.2	30-120	0.5/30m	400M	0.36
2N3014	HR	NPN	T052	20	0.2	30-120	0.4/30m	350M	0.36
2N3019	REQ	NPN	T039	80	1	80min	5/1m	100M	0.8

HERMETIC SURFACE MOUNT DISCRETE SEMICONDUCTORS



DUEL CERAMIC HERMETICALLY SEALED SURFACE MOUNT DEVICES

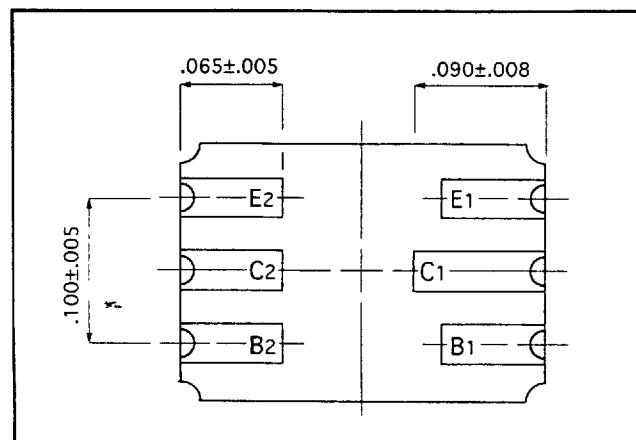
2N2060DCSM	2N3347DCSM
2N2221ADCSM	2N3348DCSM
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2N2222ADCSM	2N3350DCSM
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2N2369ADCSM	2N3352DCSM
2N2453DCSM	2N3410DCSM
2N2639DCSM	2N3680DCSM
2N2640DCSM	2N3807DCSM
2N2641DCSM	2N3808DCSM
2N2642DCSM	2N3809DCSM
2N2643DCSM	2N3810DCSM
2N2644DCSM	2N3811ADCSM
2N2894DCSM	2N3811DCSM
2N2906ADCSM	2N3904DCSM
2N2907ADCSM	2N4937DCSM
2N2913DCSM	2N4938DCSM
2N2914DCSM	BFX80DCSM
2N2915DCSM	BFX81DCSM
2N2916DCSM	BFY81DCSM
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2N2919DCSM	
2N2920DCSM	
2N2979DCSM	
2N3209DCSM	
2N3250DCSM	

In order to provide transistors and diodes with excellent tracking with temperature and excellent matching under all conditions, SEMELAB offers a duel die ceramic range.

Like the smaller single die SOT23 CSM device, this variant is intended for high reliability applications from use in space vehicles through to application in harsh environments where the plastic version is regarded as inadequate.

Devices are available to customers own specification and with release in accordance with SEMELAB's AQAP1 approval. CECC approved devices will be available in 1993.

Information on this line and other High Reliability products is available from SEMELAB or any any of our Agents.



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