

SEMELAB

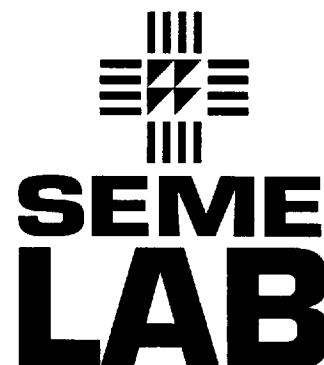
SEMELAB LTD T.27.01

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

Type Number	Rel Code	Pol	Package	V _{ceo}	I _c (cont)	Hfe	@ V _{ce} /I _c	f _T	P _d
2N3036	HR	NPN	TO39	80	1.2	40min	10/10m	50M	0.8
2N3053	HR	NPN	TO39	40	0.7	50-120	10/0.15	100M	0.8
2N3053L	HR	NPN	TO5	40	0.7	50-120	10/0.15	100M	0.8
2N3054	HR	NPN	TO66	55	4	25-100	4/0.5	0.8M	25
2N3055	CECC	NPN	TO3	60	15	20min	4/4	0.8M	115
2N3055/5	HR	NPN	TO3	30	15	14min	4/4	0.8M	115
2N3055/6	HR	NPN	TO3	100	15	15-70	4/4	0.8M	115
2N3055/7	HR	NPN	TO3	100	15	15-70	4/3	0.8M	115
2N3055E	CECC	NPN	TO3	60	15	20-70	4/4	2.5M	115
2N3055H	HR	NPN	TO3	60	15	20min	4/4	0.8M	115
2N3109	HR	NPN	TO39	40	1	100-300	1/0.15	70M	0.8
2N3110	HR	NPN	TO39	40	1	40-120	1/0.15	70M	0.8
2N3114	HR	NPN	TO39	150	0.1	30-120	10/30m	40M	0.8
2N3167	HR	PNP	TO53	40	3	12-36	3/1	1M	85
2N3168	HR	PNP	TO53	60	3	12-36	3/1	1M	85
2N3169	HR	PNP	TO53	80	3	12-36	3/1	1M	85
2N3170	HR	PNP	TO53	100	3	12-36	3/1	1M	85
2N3171	HR	PNP	TO3	40	3	12-36	3/1	1M	75
2N3172	HR	PNP	TO3	60	3	12-36	3/1	1M	75
2N3173	HR	PNP	TO3	80	3	12-36	3/1	1M	75
2N3174	HR	PNP	TO3	100	3	12-36	3/1	1M	75
2N3209	HR	PNP	TO18	20	0.2	30-120	0.5/30m	400M	0.36
2N3209L	HR	PNP	TO18L	20	0.2	30-120	0.5/30m	400M	0.36
2N3250	REQ	PNP	TO18	40	0.2	50min	10/0.1	250M	0.36
2N3250A	REQ	PNP	TO18	60	0.2	50min	10/0.1	250M	0.36
2N3251	REQ	PNP	TO18	40	0.2	100min	10/0.1	300M	0.36
2N3251A	REQ	PNP	TO18	60	0.2	100min	10/0.1	300M	0.36
2N3252	REQ	NPN	TO39	30	1	30-90	1/0.5	200M	1
2N3253	REQ	NPN	TO39	40	1	25-75	1/0.5	200M	1
2N3300	REQ	NPN	TO39	30	0.5	35min	10/10m	800M	0.8
2N3347	HR	PNP	TO77	45	30m	40-300	5/10u	60M	0.6
2N3348	HR	PNP	TO77	45	30m	40-300	5/10u	60M	0.6
2N3349	HR	PNP	TO77	45	30m	40-300	5/10u	60M	0.6
2N3350	HR	PNP	TO77	40	0.2	50-150	1/10m	250M	0.36
2N3351	HR	PNP	TO77	40	0.2	100-300	1/10m	300M	0.36
2N3352	HR	PNP	TO77	40	0.2	100-300	1/10m	300M	0.36
2N3410	HR	NPN	TO77						
2N3411	HR	NPN	TO77						
2N3420	HR	NPN	TO39	60	3	40-120	2/1	40M	0.8
2N3421	HR	NPN	TO39	80	3	40-120	2/1	40M	0.8
2N3421LP	HR	NPN	TO39LP	80	3	40-120	2/1	40M	0.8
2N3439	CECC	NPN	TO39	300	1	40-160	10/20m	15M	5
2N3440	CECC	NPN	TO39	250	1	40-160	10/20m	15M	5
2N3440S	CECC	NPN	TO39	250	1	40-160	10/20m	15M	5
2N3441	REQ	NPN	TO66	140	3	25-100	4/0.5		25
2N3444	REQ	NPN	TO39	50	1	20-60	1/0.5	200M	1
2N3445	REQ	NPN	TO3	60	7.5	20-60	5/2.5		115
2N3446	REQ	NPN	TO3	80	7.5	20-60	5/2.5		115
2N3447	REQ	NPN	TO3	60	7.5	40-120	5/2.5		115
2N3448	REQ	NPN	TO3	80	7.5	40-120	5/2.5		115
2N3467	HR	PNP	TO39	40	1	40-125	1/0.5	175M	1
2N3468	HR	PNP	TO39	50	1	25-75	1/0.5	150M	1
2N3485	HR	PNP	TO46	40	0.6	40-120	10/0.15	200M	0.4
2N3485A	HR	PNP	TO46	60	0.6	40-120	10/0.15	200M	0.4
2N3486	HR	PNP	TO46	40	0.6	40-120	10/0.15	200M	0.4
2N3486A	HR	PNP	TO46	60	0.6	40-120	10/0.15	200M	0.4
2N3500	HR	NPN	TO39	150	0.3	40-120	10/0.15	150M	5

HI-REL

HERMETIC SURFACE MOUNT DISCRETE SEMICONDUCTORS



DUEL CERAMIC HERMETICALLY SEALED SURFACE MOUNT DEVICES

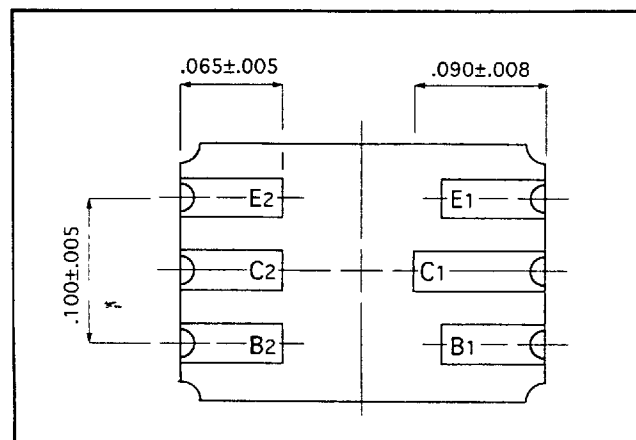
2N2060DCSM	2N3347DCSM
2N2221ADCSM	2N3348DCSM
2N2221DCSM	2N3349DCSM
2N2222ADCSM	2N3350DCSM
2N2222DCSM	2N3351DCSM
2N2369ADCSM	2N3352DCSM
2N2453DCSM	2N3410DCSM
2N2639DCSM	2N3680DCSM
2N2640DCSM	2N3807DCSM
2N2641DCSM	2N3808DCSM
2N2642DCSM	2N3809DCSM
2N2643DCSM	2N3810DCSM
2N2644DCSM	2N3811ADCSM
2N2894DCSM	2N3811DCSM
2N2906ADCSM	2N3904DCSM
2N2907ADCSM	2N4937DCSM
2N2913DCSM	2N4938DCSM
2N2914DCSM	BFX80DCSM
2N2915DCSM	BFX81DCSM
2N2916DCSM	BFY81DCSM
2N2917DCSM	BFY82DCSM
2N2918DCSM	BFY84DCSM
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.



SEMELAB plc

Coventry Road, Lutterworth,
Leicestershire. LE17 4JB
ENGLAND

Tel: 44 (0) 455 556565

Fax: 44 (0) 455 552612

Telex: 341927