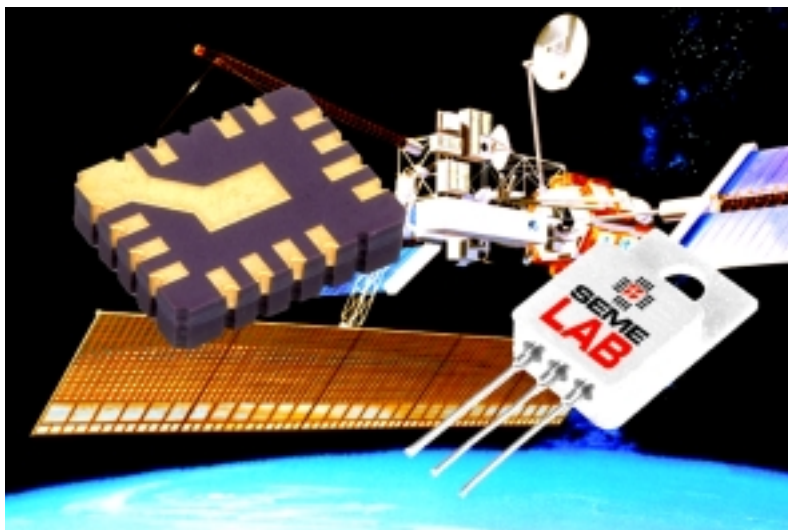


SUPPLIED ESA AND SPACE PARTS

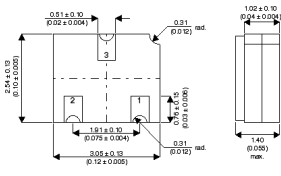


Semelab products are now used in the following programs:-

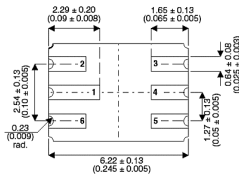
Envisat	Small signal Lcc1 Product
Inmarsat	Small signal Lcc1, T018, High Speed Zener, Schottky barrier diodes, MCA's, Regulators.
EMS	Small signal LCC1 product
Astra	Small signal Lcc1, dual LCC2
SoHo Cluster	Jfets
Fiar	T059 Bipolar Stud
Korea Sat	Jfets, small signal LCC1 Zener and Schottky diode
Spot/Helios	Small Signal LCC1, Jfets and diodes
Skynet	Small signal T018/T039
Artemis	LCC1, LCC2, LCC4
Odyssey	MCA small signal devices
MIMR	MCA small signal devices
Global Star	Analogue arrays
MSG	Multi chip arrays
Metop	Multi chip arrays, Linear regulators
Rosetta	Small signal LCC1
ATV	T018 / 39
HTV	Small signal LCC1
I.S.S	Bipolar TO39/ TO66 , MCA'S
Smart 1	Digital voter circuit, dual bipolar LCC2
Rainbow	MCA small signal devices
Siral	MCA small signal devices
Elta	MCA small signal devices
Beagle 2	MCA small signal devices

For further details please see our web site

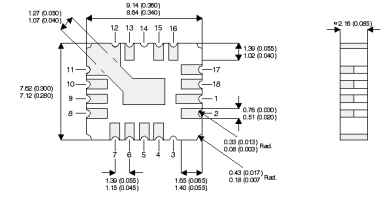
www.semelab.com



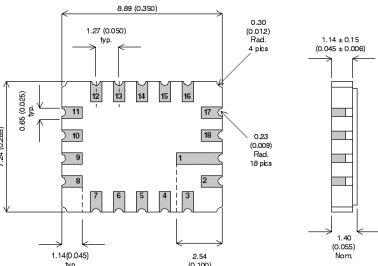
LCC1



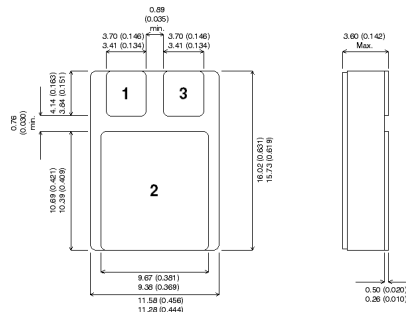
LCC2



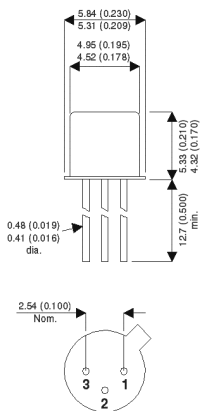
LCC4



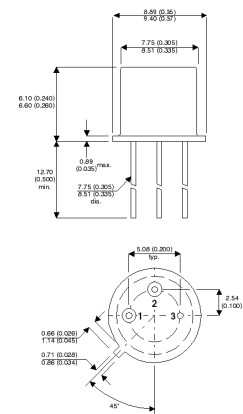
LCC6 / LCC8 / LCC18



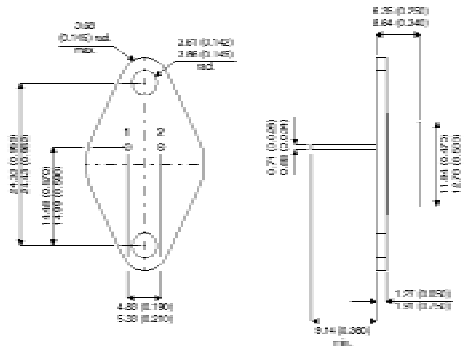
SMD1



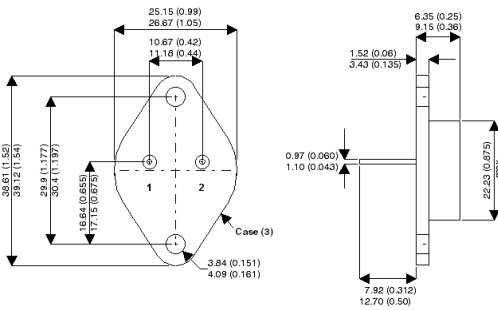
TO18



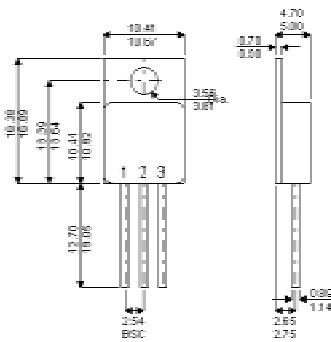
TO5



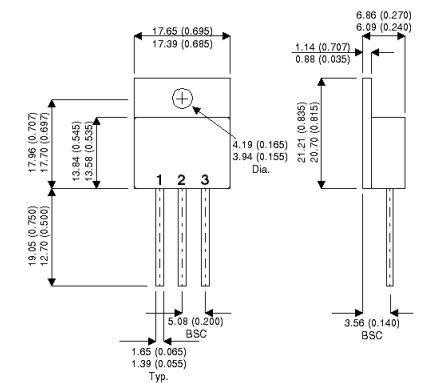
TO66



TO3



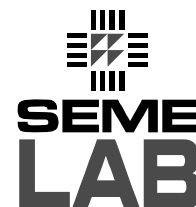
TO257



TO258

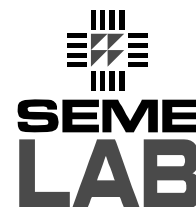
Package Drawings Not To Scale

SUPPLIED ESA AND SPACE PARTS



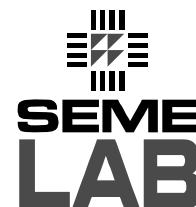
PART NUMBER	Type	Pack	SPECIFICATION NUMBER	ISSUE
BIPOLAR				
2N2222ACSMESA.01	Bipolar	LCC1	66-LCO147 LVL B	3
2N2222ACSMESA.02	Bipolar	LCC1	TPR-12-034	1
2N2222ACSMESA.03	Bipolar	LCC1	MA5000 AJB	
2N2222ACSMESA.04	Bipolar	LCC1	STR01-020-01	4
2N2222ACSMESA.05	Bipolar	LCC1	66-LCO147 LVL C	2
2N2222ACSMESA.06	Bipolar	LCC1	SCC 5201-002-05C	4
2N2222AESA.01	Bipolar	T018	SCC 5201-002-01B	4A
2N2222AESA.02	Bipolar	T018	SCC 5201-002-01C	4A
2N2369ACSMESA.01	Bipolar	T018	RA.1201.009.10	A
2N2369ACSMESA.02	Bipolar	LCC1	TPR-12-032	1
2N2369ACSMESA.03	Bipolar	LCC1	66-LCO173 LVL B	1
2N2369ACSMESA.04	Bipolar	LCC1	66-LCO173 LVL C	1
2N2369AESA.01	Bipolar	TO18	SCC 5201-006-01B	3A
2N2369AESA.02	Bipolar	TO18	SCC 5201-006-01C	3A
2N2484CSMESA.01	Bipolar	T018	66-LCO170 LVL B	1
2N2484CSMESA.02	Bipolar	LCC1	66-LCO170 LVL C	1
2N2484DCSMESA.01	Bipolar	LCC2	66-LCO171	1
2N2484ESA.01	Bipolar	TO18	SCC 5201-001-01B	5A
2N2484ESA.02	Bipolar	TO18	SCC 5201-001-01C	5B
2N2857CSMESA.02	Bipolar	LCC1	66 LCO176	1
2N2857ESA.01	Bipolar	T018	SCC 5201-014-01B	3B
2N2857ESA.02	Bipolar	TO18	SCC 5201-014-01C	3B
2N2880ESA.01	Bipolar	TO257	SCC 5203-025 -10	3
2N2905AESA.01	Bipolar	T039	SCC 5202-002-02B	5D
2N2905AESA.02	Bipolar	TO39	SCC 5202-002-02C	5D
2N2907ACSMESA.01	Bipolar	LCC1	66 LCO145 LVL B	1
2N2907ACSMESA.02	Bipolar	LCC1	TPR-12-030	1
2N2907ACSMESA.03	Bipolar	LCC1	MA-5000-AJC	1
2N2907ACSMESA.04	Bipolar	LCC1	STR-021-01	7
2N2907ACSMESA.05	Bipolar	LCC1	66 LCO145 LVL C	1
2N2907ACSMESA.06	Bipolar	LCC1	SCC 5202-001-04B	6B
2N2907ADCSMESA.01	Bipolar	LCC1	STR01-032	2
2N2907AESA.01	Bipolar	TO39	SCC 5202-001-01B	6B
2N2907ESA.02	Bipolar	TO39	SCC 5202-001-01C	6B
2N2908XESA.01	Bipolar	TO53	IGG-290-874 01B	2
2N2920AESA.01	Bipolar	TO77	SCC 5207-002-03B	6
2N2920ESA.01	Bipolar	TO77	SCC 5207-002-02B	6
2N2920ESA.02	Bipolar	TO77	SCC 5207-002-02C	6
2N3439ESA.01	Bipolar	TO39	SCC 5203-011-02B	4
2N3467ESA.01	Bipolar	TO39	SCC 5208-009-01	1B
2N3501ESA.01	Bipolar	TO39	SCC 5201-012-02B	4A
2N3501ESA.02	Bipolar	TO5	SCC 5201-013-01B	4A
2N3501ESA.03	Bipolar	TO39	SCC 5201-013-02B	4A
2N3637ESA.01	Bipolar	TO39	SCC 5208-003	2C
2N3637ESA.02	Bipolar	TO39	SCC 5208-003-04B	2C

SUPPLIED ESA AND SPACE PARTS



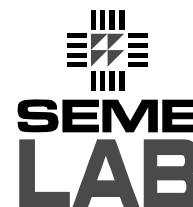
2N3764ESA.01	Bipolar	TO18	MA.5000 ACK	3
2N3765ESA.01	Bipolar	TO18	IGG-221-724	1
2N3810DCSMESA.01	Bipolar	LCC2	66 LCO169	1
2N3810ESA.01	Bipolar	TO78	SCC 5207-005-02B	5
2N3810ESA.02	Bipolar	TO77	SCC 5207-005-02C	5
2N3822ESA.01	Bipolar	TO72	IGG-232-777-02	2
2N5153ESA.01	Bipolar	TO39	SCC 5204-002-02B	3D
2N5153SMDESA.01	Bipolar	SMD1	SCC 5204-002-XX	
2N5154SMDESA.01	Bipolar	SMD1	SCC 5203-010-XX	
2N5198ESA.01	Bipolar	TO71	SCC 5205-005-01B	
2N5664ESA.01	Bipolar	T066	SCC 5203-038-01B	
2N5665ESA.01	Bipolar	TO66	SCC 5203-038-05B	
2N5666ESA.01	Bipolar	TO5	SCC 5203-038-05B	3A
2N5666ESA.02	Bipolar	TO5	SCC 5203-038-05B	
2N5672DIE2-ESA.01	Bipolar	TO3	66-LCO131	
2N5672ESA.01	Bipolar	TO3	66 LCO131	
2N5672ESA.02	Bipolar	TO3	SCC 5203-004-03B	2B
2N5954ESA.01	Bipolar	TO66	IGG-221-826-01	5
2N918ESA.01	Bipolar	TO72	SCC 5201-009	1A
BDS16ESA.01	Bipolar	TO257	T-120-01B	1C
BDS18ESA.01	Bipolar	TO257	1-121-01B	1C
BUL 54A/TO257.01	Bipolar	TO257	RA1203 -003 .11	E
BUL 54A/TO257.03	Bipolar	TO257	RA1203 .003.10-11	E
BUL 54a/TO5ESA.01	Bipolar	TO5	RA1303-004.10-11	D
BUL54A	Bipolar	TO257	RA 1203 003 10	E
BUL54AH-TO5.01	Bipolar	TO5	RA 1203 004 11	D
FMMT92CSM	Bipolar	LCC1	RA. 1202.06.10	1
ZTX 653/753DCSM	Bipolar	LCC3	OMNISYS JANTXV STYLE	A
MCA's				
MCA 002	Bipolar	MCA	TRN-101201-06	
MCA 0102/X	Bipolar	MCA	CDP9.19e	
MCA 0102/y	Bipolar	MCA	CDP9.19e	
MCA 0301/01A	Bipolar	MCA	SE5000/mca0301	A
MCA 0301/01B	Bipolar	MCA	SE5000/mca0301	A
MCA 0301/02A	Bipolar	MCA	SE5000/mca0301	A
MCA 0301/02B	Bipolar	MCA	SE5000/mca0301	
MCA 0301/03A	Bipolar	MCA	SE5000/mca0301	A
MCA 0301/03B	Bipolar	MCA	SE5000/mca0301	A
MCA 0301/04A	Bipolar	MCA	SE5000/mca0301	A
MCA 0301/04B	Bipolar	MCA	SE5000/mca0301	A
MCA 0301/07	Bipolar	MCA	SE5000/mca0301	A
MCA 0301/08	Bipolar	MCA	SE5000/mca0301	A
MCA 0301/09	Bipolar	MCA	SE5000/mca0301	A
MCA 0301/10	Bipolar	MCA	SE5000/mca0301	A
MCA 0301/11	Bipolar	MCA	SE5000/mca0301	A
MCA 0301/12	Bipolar	MCA	SE5000/mca0301	A
MCA 0301/13	Bipolar	MCA	SE5000/mca0301	A
MCA 0301/14	Bipolar	MCA	SE5000/mca0301	A
MCA 0301/15	Bipolar	MCA	SE5000/mca0301	A
MCA 0301/5	Bipolar	MCA	SE5000/mca0301	A
MCA 0301/6	Bipolar	MCA	SE5000/mca0301	A
MCA 0401/1	Bipolar	MCA	IGG601474	

SUPPLIED ESA AND SPACE PARTS



MCA 105.01	Mixed	MCA	OMNISYS JANTXV STYLE	A
MCA 2696/1	Bipolar	MCA	RA.0812.002.11B	C
MCA 2696/2	Bipolar	MCA	RA 0812.002.12B	C
MCA 2696/3	Bipolar	MCA	RA 0812.002.13B	C
MCA 2696/4	Bipolar	MCA	RA 0812.002.14B	C
MCA 2696/5	Bipolar	MCA	RA.0812.002.15B	c
MCA 2696/A-2	Bipolar	MCA	TL-AM 1201 -16B	1A
MCA 2696/C	Bipolar	MCA	TL -AM1201_18B	1A
MCA 2696/C2	Bipolar	MCA	TL-AM1201-88	1
MCA 2696/D	Bipolar	MCA	TL-AM1201-	
MCA 2696/E	Bipolar	MCA	TL-AM1201-	1
MCA 3201/1	Bipolar	MCA	Cdp9.90E	pa
MCA 3201/10	Bipolar	MCA	Cdp9.90E	pa
MCA 3201/2	Bipolar	MCA	Cdp9.90E	pa
MCA 3201/3	Bipolar	MCA	Cdp9.90E	pa
MCA 3201/4	Bipolar	MCA	Cdp9.90E	pa
MCA 3201/5	Bipolar	MCA	Cdp9.90E	pa
MCA 3201/6	Bipolar	MCA	Cdp9.90E	pa
MCA 3201/7	Bipolar	MCA	Cdp9.90E	pa
MCA 3201/8	Bipolar	MCA	Cdp9.90E	pa
MCA 3201/9	Bipolar	MCA	Cdp9.90E	pa
MCA106.01	Bipolar	MCA	SJE 20040	
MCA5001/5	Bipolar	MCA	Cdp 9.20E	
DIE				
2C5672DIE2-ESA.01	DIE		66-LCO131	
2N2222ADIE2-ESA.01	DIE		66-LCO123	2
2N2907ADIE2-ESA.01	DIE		66 LCO122	2
2N2907ADIE5-ESA.01	DIE		ST1929-01V pairs	
2N5153DIE5-ESA.01	DIE		ST1430.01 (PAIRS)	
DIODE				
1N4148CSMESA.01	Diode	LCC1	65-LCO119	1
1N4148CSMESA.02	Diode	LCC1	TPR-04-066	2
1N4150CSMESA.01	Diode	LCC1	65-LCO134 OPTION 1	A
1N4151CSMESA.01	Diode	LCC1	65-LCO134 OPTION 2	A
1N4572ACSMDESA.01	Diode	LCC1	65-LCO132 OPTION 8	A
1N5617CSMESA.01	Diode	LCC1	65-LC0133	2
45CKQ100ESA.01	Diode	TO258	IGG-PL-0100	1
60CKQ045ESA.01	Diode	TO258	IGG-0063	4
BAT54CSMESA.01	Diode	LCC1	65LC0118	A
BAT54CSMESA.02	Diode	LCC1	IGG-PL-0189	2
BZX55C15CSMESA.01	Diode	LCC1	66 LCO120 OPTION 20	1
BZX55C15CSMESA.02	Diode	LCC1	TPR-04-059 OPTION 20	1
BZX55C33CSMESA.01	Diode	LCC1	65-LCO120 OPTION 28	1
BZX55C3V3CSMESA.01	Diode	LCC1	65-LCO120 OPTION 04	1
BZX55C3V3CSMESA.02	Diode	LCC1	TPR-04-059 OPTION 04	1
BZX55C3V9CSMESA.01	Diode	LCC1	69-LCO120 OPTION 06	1
BZX55C5V6CSMESA.01	Diode	LCC1	69-LCO120 OPTION 10	1
BZX55C7V5CSMESA.01	Diode	LCC1	69-LCO120 OPTION 13	1
HP5082-2800CSMESA.01	Diode	LCC1	65 LCO136 OPTION 1	A
HP5082-2800CSMESA.02	Diode	LCC1	65 LCO136 OPTION 2	A
HP5082-2810CSMESA.01	Diode	LCC1	65-LCO135 OPTION 1	A

SUPPLIED ESA AND SPACE PARTS



HP5082-2810CSMESA.02	Diode	LCC1	65-LCO135 OPTION 2	A
IN4003QCSMESA.01	Diode	LCC1	65-LCO124	1
MP2835CSM.ESA.01	Diode		65LC0150	1
JFET				
2N4391ESA.01	JFET	TO18	SCC 5205-003-01B	2B
2N4392ESA.01	JFET	TO18	SCC 5205-003-02B	2B
2N4393CSMESA.01	JFET	LCC1	66 LCO153	1
2N4393ESA.01	JFET	TO18	SCC 5205-003-03B	2B
2N4393ESA.02	JFET	TO18	SCC 5205-003-03C	2B
2N4416ASA.01	JFET	TO72	SCC 5205-004-02B	2B
2N4416ESA.01	JFET	TO72	SCC 5205-004-02C	2B
2N4416ESA.02	JFET	TO72	SCC 5205-004-01B	2B
2N5116ESA.01	JFET	TO18	66 LCO180-01 LVL B	A
2N5116ESA.02	JFET	TO18	66 LCO180-01 LVL C	A
2N5434ESA.01	JFET	TO18	TPR-12-061 01B	1
2N5564ESA.01	JFET	TO18	TPR-12-062 01B	1
2N4392ESA.02	JFETS	TO18	SCC 5205-003-03C	2B
MIXED TECHNOLOGY				
MAT 03LCC18	Monolithic	LCC18	OMNISYS JANTXV EQV	A
MOSFET				
2N6849ESA.01	Mosfet	TO3	SCC 5206-003-01	D
IRFG110ESA.01	Mosfet	Cdip	INM-232-312	F
IRFY044ESA.01	Mosfet	TO257	1NM-232-313	B
IRFY140ESA.01	Mosfet	TO257	IGG-232-394	B
IRFY240ESA.01	Mosfet	TO257	1NM-232-314	B
REGULATORS				
LM 117HESA	Regulator	TO39	SCC 9102-005B	C
LM137ESA.01	Regulator	TO257	44-LCO152	2
LM137ESA.02	Regulator	TO257	44-LCO152	2
LM137ESA.03	Regulator	TO257	44-LCO152	2
LM137HV	Regulator	TO39	SE38535 /Lm137HV	A
LM137lcc4	Regulator	LCC4	TL AM0814-03B	1
LT1085ESA.01	Regulator	TO257	44-LCO151	2
LT1085LCC4ESA	Regulator	LCC4	TL AM 0815 03B	1

