

IN AIR CURRENT OUTPUT IN MICROAMPERES OF M.F.C.'s vs. TEMPERATURE

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
14	ECO #94-481	11-14-94	JML/awr
15	ECO #95-164	3-13-95	JML

CELL CLASS	NOMINAL AT 77°F	70°F	71°F	72°F	73°F	74°F	75°F	76°F	77°F
A-1	925	529-1141	538-1158	546-1176	554-1193	562-1211	570-1228	578-1246	586-1264
A-3,A-5,E-1	185	106-228	108-232	109-235	111-239	112-242	114-246	116-249	117-253
A-2C,B-1,B-2,B-4,Z-2,T-3	462	266-573	270-581	274-590	278-598	281-606	285-615	289-623	293-632
B-3,B-6,S-2,C5M25F	300	217-325	220-330	223-335	227-340	230-345	233-350	237-355	240-360
B-7	154	88-190	89-193	91-196	92-199	94-202	95-204	96-207	98-210
C-5	62	35-76	36-79	36-79	37-80	38-81	38-82	39-84	39-85
C-6PT	175	126-190	128-193	130-196	132-199	134-202	136-205	138-208	140-210
C-3 (FOR R20)	230	180-251	182-254	185-257	187-261	189-265	192-269	196-273	198-276
C-1,C-2,C-3,C-6,C-6NM,T-1,T-2	200	144-217	147-220	149-223	151-227	153-230	156-233	158-237	160-240
E-2 ☒	-62	-(35-76)	-(36-79)	-(36-79)	-(37-80)	-(38-81)	-(38-82)	-(39-84)	-(39-85)
R-17SUN,R19	100	74-110	75-106	76-113	77-115	79-117	80-118	81-120	82-127
R-17,R-21,R-22,R-24	100	65-102	66-103	67-104	68-106	69-108	70-109	71-111	72-113
R-6,B-5	100	72-108	73-110	74-112	76-113	77-115	78-117	79-118	80-113
R-11,T-5,T-5A	67	48-73	49-74	50-75	51-76	51-77	52-78	53-79	54-80
R-15,K-1,K-1MK19	59	43-63	44-64	45-65	45-66	46-68	47-68	47-69	48-70
T7 (CELL SUB-ASS'Y)	112	61-142	62-144	63-146	64-148	65-150	66-152	67-154	68-157
B-1PM50,B2PM50	200	-----	-----	-----	-----	170-234	-----	-----	-----
R-23 (DUAL CATHODE) EACH	30	22-31	22-32	23-32	23-33	23-34	24-34	24-34	24-35
C-3 (FOR R10)	186	144-192	147-195	149-197	151-201	153-204	156-206	158-210	160-213

FINAL ASSEMBLY OUTPUTS

SENSOR	OUTPUT	LOAD
R8	16-24MV	NONE
R10	ADJ TO 25MV	6K
R12	16-24MV	NONE
R17 ^(ALL EXCEPT)	7-12.5MV	10K
R17ASUN	9-13.5MV	10K
R19	9-15MV	10K
R20	7-13MV	1.13K
R21	7-12.5MV	10K
R22 ^(ALL EXCEPT)	7-12.5MV	10K
R22ASUN	9-13.5MV	10K
R22AGR	9-13.5MV	10K
T7	17-21	NONE
K1	7-13MV	NONE
B9	17-21	NONE
R17ASIE	7-11.5MV	10K
R22ASIE	7-11.5MV	10K
R17ABOS	7-11.5MV	10K
R24	7-13MV	10K

NOTES: UNLESS OTHERWISE SPECIFIED.

- ☒ E-2 CELLS MUST HAVE A NEGATIVE OUTPUT AFTER P.C. BOARD IS INSTALLED.
- TEMPERATURE COEFFICIENT FOR OUTPUT OF M.F.C.'s IS: +2.5%/°C ALL CURRENT OUTPUTS IN uAMPS.
- SPEC. CONTROL DWGS. FOR SOME OF THE ABOVE CELLS MAY EXTEND THE OUTPUT RANGE UP TO ± 5% MORE THAN SHOWN (AT 77°F/25°C).

QUALITY ASSURANCE
APPROVAL REQUIRED!

ITEM	QTY	PART No.	DESCRIPTION
DO NOT SCALE DWG TOLERANCE UNLESS OTHERWISE SPECIFIED: ANGULAR ±1/2° LINEAR $\begin{cases} X & = \pm .1 \\ XX & = \pm .02 \\ XXX & = \pm .005 \end{cases}$			
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SIGNATURES: <i>Manitga</i> DATE: 8-25-93 CHK: <i>JML</i> DATE: 5-13-95 ENGR: <i>JML</i> APPR: <i>JML</i> S.O.: <i>JML</i> CAD I.D. B49230			TITLE: MICRO FUEL CELLS CURRENT vs. TEMPERATURE SCALE: NONE SIM: ☐ SHEET: 1 OF 1
MATL: _____ DWG NO. B-49230			REV: 15

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