



MIL-PRF-38534 Class K Rad-Hard DC-DC converters

100 krad(Si) TID and 82 MeV.cm <sup>2</sup> /mg LET							
DLA SMD part number	IR HiRel part number	Series	Power (W)	Input voltage (V)	Output voltage (V)	Number of outputs	Class
5962-0321801	M3GB2803R3S/CK	M3GB	30	28	3.3	Single	K
5962R0321801	M3GB2803R3S/CKR	M3GB	30	28	3.3	Single	K
5962-0321901	M3GB2805S/CK	M3GB	40	28	5	Single	K
5962R0321901	M3GB2805S/CKR	M3GB	40	28	5	Single	K
5962-0322001*	M3GB2805R2S/CK	M3GB	40	28	5.2	Single	K
5962-0322101*	M3GB2812S/CK	M3GB	40	28	12	Single	K
5962-0322201*	M3GB2815S/CK	M3GB	40	28	15	Single	K
5962-0322301	M3GB2805D/CK	M3GB	40	28	5	Dual	K
5962-0322302	M3GB2807D/CK	M3GB	40	28	7	Dual	K
5962-0322401	M3GB2812D/CK	M3GB	40	28	12	Dual	K
5962-1021601	M3GB2815D/CK	M3GB	40	28	15	Dual	K
5962R1021601	M3GB2815D/CKR	M3GB	40	28	15	Dual	K
5962-0322601	M3GB280512T/CK	M3GB	40	28	+5, +/-12	Triple	K
5962R0322601	M3GB280512T/CKR	M3GB	40	28	+5, +/-12	Triple	K
5962-0322701	M3GB280515T/CK	M3GB	40	28	+5, +/-15	Triple	K
5962R0322701	M3GB280515T/CKR	M3GB	40	28	+5, +/-15	Triple	K
5962-0423401	ART2815T	ART	30	28	+5, +/-15	Triple	K
5962-0423701	ART2812T	ART	30	28	+5, +/-12	Triple	K
5962-0423801	S2803R3S/CK	S	10	28	3.3	Single	K
5962-0423901	S2805S/CK	S	10	28	5	Single	K
5962-0424001	S2812S/CK	S	10	28	12	Single	K
5962-0424101	S2815S/CK	S	10	28	15	Single	K
5962-0424201	S2805D/CK	S	10	28	5	Dual	K
5962-0424301	S2812D/CK	S	10	28	12	Dual	K
5962-0424401	S2815D/CK	S	10	28	15	Dual	K
5962-0523801	LS2801R5S/CK	LS	30	28	1.5	Single	K
5962-0523901	LS2803R3S/CK	LS	30	28	3.3	Single	K
5962-0524001	LS2805S/CK	LS	30	28	5	Single	K
5962-0524101	LS2812D/CK	LS	30	28	12	Dual	K
5962-0524201	LS2815D/CK	LS	30	28	15	Dual	K
5962-0624101	LS2812S/CK	LS	30	28	12	Single	K
5962-0624201	LS2815S/CK	LS	30	28	15	Single	K
5962-1021601	M3GB2815D/CK	M3GB	40	28	15	Dual	K
5962-1021701	GH2803R3S/CK	GH	50	28	3.3	Single	K
5962-1021702	GH2801S/CK	GH	50	28	1.0	Single	K

5962-1021801	GHP2815S/CK	GH	50	28	15	Single	K
5962-1021901	GH2805S/CK	GH	50	28	5	Single	K
5962-1022401	LS2805D/CK	LS	30	28	5	Dual	K
5962-1120601	SBB501S/CK	SBB	14	5	1	Single	K
5962-1120602	SBB501R2S/CK	SBB	16.8	5	1.2	Single	K
5962-1120603	SBB501R5S/CK	SBB	21	5	1.5	Single	K
5962-1120604	SBB501R8S/CK	SBB	25.2	5	1.8	Single	K
5962-1120605	SBB502R5S/CK	SBB	30	5	2.5	Single	K
5962-1120606	SBB503R3S/CK	SBB	30	5	3.3	Single	K
5962-1321601	S2807S/CK	S	10	28	7	Single	K
5962-1522401	LSO2801R5S/CK	LSO	30	28	1.5	Single	K
5962R1522401	LSO2801R5S/CKR	LSO	30	28	1.5	Single	K
5962-1522402	LSO2801R8S/CK	LSO	30	28	1.8	Single	K
5962R1522402	LSO2801R8S/CKR	LSO	30	28	1.8	Single	K
5962-1522403	LSO2802R5S/CK	LSO	30	28	2.5	Single	K
5962R1522403	LSO2802R5S/CKR	LSO	30	28	2.5	Single	K
5962-1522404	LSO2803R3S/CK	LSO	30	28	3.3	Single	K
5962R1522404	LSO2803R3S/CKR	LSO	30	28	3.3	Single	K
5962-1522405	LSO2805S/CK	LSO	30	28	5	Single	K
5962R1522405	LSO2805S/CKR	LSO	30	28	5	Single	K
5962-1522406	LSO2812S/CK	LSO	30	28	12	Single	K
5962R1522406	LSO2812S/CKR	LSO	30	28	12	Single	K
5962-1522407	LSO2815S/CK	LSO	30	28	15	Single	K
5962R1522407	LSO2815S/CKR	LSO	30	28	15	Single	K
5962-1522408	LSO2805D/CK	LSO	30	28	5	Dual	K
5962R1522408	LSO2805D/CKR	LSO	30	28	5	Dual	K
5962-1522409	LSO2812D/CK	LSO	30	28	12	Dual	K
5962R1522409	LSO2812D/CKR	LSO	30	28	12	Dual	K
5962-1522410	LSO2815D/CK	LSO	30	28	15	Dual	K
5962R1522410	LSO2815D/CKR	LSO	30	28	15	Dual	K
5962-1723401	M3GB5015D/CK	M3GB	40	50	15	Dual	K
5962R1723401	M3GB5015D/CKR	M3GB	40	50	15	Dual	K
5962-1820601	10553FM	LSO	30	28	+/-5	Dual	K
5962-1820602	10554FM	LSO	30	28	7	Single	K
5962-1820801	M3GB700515T/CK	M3GB	40	70	+5, +/-15	Triple	K
5962R1820801	M3GB700515T/CKR	M3GB	40	70	+5, +/-15	Triple	K
5962-1920201	M3GB12012S/CK*	M3GB	40	120	12	Single	K
5962-1920301	M3GB12015D/CK*	M3GB	40	120	15	Dual	K

\*Release pending

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MIL-PRF-38534 Class K Rad-Tolerant DC-DC Converters

25 krad(Si) TID and 60 MeV.cm <sup>2</sup> /mg LET							
DLA SMD part number	IR HiRel part number	Series	Power (W)	Input voltage (V)	Output voltage (V)	Number of outputs	Class
5962-0424701	AMA2805S	AMA	5	28	5	Single	K
5962-0424801	AMA2812S	AMA	5	28	12	Single	K
5962-0424901	AMA2815S	AMA	5	28	15	Single	K
5962-0425001	AMA2812D	AMA	5	28	12	Dual	K
5962-0425101	AMA2815D	AMA	5	28	15	Dual	K

MIL-PRF-38534 Class H standard DC-DC converters

DLA SMD part number	IR HiRel part number	Series	Power (W)	Input voltage (V)	Output voltage (V)	Number of outputs	Class
5962-0254801	AFL1203R3SX/CH	AFL	66	120	3.3	Single	H
5962-0254901	AFL12008SX/CH	AFL	80	120	8	Single	H
5962-0255001	AFL12009SX/CH	AFL	90	120	9	Single	H
5962-0255101	AFL12012SX/CH	AFL	108	120	12	Single	H
5962-0255201	AFL12015SX/CH	AFL	120	120	15	Single	H
5962-0255301	AFL12028SX/CH	AFL	112	120	28	Single	H
5962-0255401	AFL12005DX/CH	AFL	80	120	5	Dual	H
5962-0255501	AFL12015DX/CH	AFL	120	120	15	Dual	H
5962-0255601	AFL503R3SX/CH	AFL	66	50	3.3	Single	H
5962-0255701	AFL5005SX/CH	AFL	80	50	5	Single	H
5962-0255801	AFL5008SX/CH	AFL	80	50	8	Single	H
5962-0255901	AFL5009SX/CH	AFL	90	50	9	Single	H
5962-0256001	AFL5012SX/CH	AFL	108	50	12	Single	H
5962-0256101	AFL5015SX/CH	AFL	120	50	15	Single	H
5962-0256201	AFL5028SX/CH	AFL	112	50	28	Single	H
5962-0256301	AFL5005DX/CH	AFL	80	50	5	Dual	H
5962-0256401	AFL5012DX/CH	AFL	108	50	12	Dual	H
5962-0256501	AFL5015DX/CH	AFL	120	50	15	Dual	H
5962-0520501	AHF2805D/CH	AHF	12	28	5	Dual	H
5962-0523101	AHP27003R3SX/CH	AHP	66	270	3.3	Single	H
5962-8968301	AHE2805S/CH	AHE	15	28	5	Single	H
5962-8968302	AHE2805S/CH-SLV	AHE	15	28	5	Single	H
5962-8968303	AHE2805S/CH-MSTR	AHE	15	28	5	Single	H
5962-9095401	ATO2815T/CH	ATO	15	28	+5, +/-15	Triple	H
5962-9157501	AHE2815D/CH	AHE	15	28	15	Dual	H
5962-9157502	AHE2815D/CH-SLV	AHE	15	28	15	Dual	H
5962-9157503	AHE2815D/CH-MSTR	AHE	15	28	15	Dual	H
5962-9157904	ATW2805S/CH	ATW	30	28	5	Single	H
5962-9157905	ATW2805S/CH-SLV	ATW	30	28	5	Single	H
5962-9157906	ATW2805S/CH-MSTR	ATW	30	28	5	Single	H
5962-9158001	AHE2812S/CH	AHE	20	28	12	Single	H
5962-9158002	AHE2812S/CH-SLV	AHE	20	28	12	Single	H
5962-9158003	AHE2812S/CH-MSTR	AHE	20	28	12	Single	H
5962-9159904	ATW2815S/CH	ATW	30	28	15	Single	H
5962-9159905	ATW2815S/CH-SLV	ATW	30	28	15	Single	H
5962-9159906	ATW2815S/CH-MSTR	ATW	30	28	15	Single	H
5962-9160001	AHF2805S/CH	AHF	12	28	5	Single	H
5962-9160201	ATO2812T/CH	ATO	15	28	+5, +/-15	Triple	H
5962-9161301	ATW2815D/CH	ATW	30	28	15	Dual	H
5962-9161302	ATW2815D/CH-SLV	ATW	30	28	15	Dual	H
5962-9161303	ATW2815D/CH-MSTR	ATW	30	28	15	Dual	H
5962-9162501	AHE2815S/CH	AHE	20	28	15	Single	H
5962-9162502	AHE2815S/CH-SLV	AHE	20	28	15	Single	H
5962-9162503	AHE2815S/CH-MSTR	AHE	20	28	15	Single	H
5962-9177301	AHV2805SF/CH	AHV	15	28	5	Single	H
5962-9177401	AHV2815DF/CH	AHV	15	28	15	Dual	H

5962-9204001	AHE2812D/CH	AHE	15	28	12	Dual	H
5962-9204002	AHE2812D/CH-SLV	AHE	15	28	12	Dual	H
5962-9204003	AHE2812D/CH-MSTR	AHE	15	28	12	Dual	H
5962-9210901	ATW2812D/CH	ATW	30	28	12	Dual	H
5962-9210902	ATW2812D/CH-SLV	ATW	30	28	12	Dual	H
5962-9210903	ATW2812D/CH-MSTR	ATW	30	28	12	Dual	H
5962-9211001	ATW2812S/CH	ATW	30	28	12	Single	H
5962-9211002	ATW2812S/CH-SLV	ATW	30	28	12	Single	H
5962-9211003	ATW2812S/CH-MSTR	ATW	30	28	12	Single	H
5962-9211101	AHF2812D/CH	AHF	12	28	12	Dual	H
5962-9211301	AHV2815SF/CH	AHV	15	28	15	Single	H
5962-9211401	AHV2812DF/CH	AHV	15	28	12	Dual	H
5962-9211501	AHV2812TF/CH	AHV	15	28	+5, +/-12	Triple	H
5962-9211601	AHV2815TF/CH	AHV	15	28	+5, +/-15	Triple	H
5962-9215901	ATR2815T/CH	ATR	30	28	+5, +/-15	Triple	H
5962-9235101	AHF2815D/CH	AHF	12	28	15	Dual	H
5962-9315801	ATR2812T/CH	ATR	30	28	+5, +/-12	Triple	H
5962-9456301	AHF2815S/CH	AHF	12	28	15	Single	H
5962-9456801	AHF2812S/CH	AHF	12	28	12	Single	H
5962-9456901	AFL27005SX/CH	AFL	80	270	5	Single	H
5962-9457001	AFL27015SX/CH	AFL	120	270	15	Single	H
5962-9462301	AHF2815T/CH	AHF	12	28	+5, +/-15	Triple	H
5962-9462401	ATR2805S/CH	ATR	30	28	5	Single	H
5962-9462401	ATR2805SF/CH	ATR	30	28	5	Single	H
5962-9462501	ATR2812S/CH	ATR	30	28	12	Single	H
5962-9462501	ATR2812SF/CH	ATR	30	28	12	Single	H
5962-9462601	ATR2815S/CH	ATR	30	28	15	Single	H
5962-9462601	ATR2815SF/CH	ATR	30	28	15	Single	H
5962-9462701	ATR2812D/CH	ATR	30	28	12	Dual	H
5962-9462701	ATR2812DF/CH	ATR	30	28	12	Dual	H
5962-9462801	ATR2815D/CH	ATR	30	28	15	Dual	H
5962-9462801	ATR2815DF/CH	ATR	30	28	15	Dual	H
5962-9462901	ASA2805S/CH	ASA	5	28	5	Single	H
5962-9463001	ASA2815S/CH	ASA	5	28	15	Single	H
5962-9463101	ASA2812S/CH	ASA	5	28	12	Single	H
5962-9464901	ASA2815D/CH	ASA	5	28	15	Dual	H
5962-9472101	AFL2805SX/CH	AFL	80	28	5	Single	H
5962-9472201	AFL2812SX/CH	AFL	108	28	12	Single	H
5962-9472301	AFL2815SX/CH	AFL	120	28	15	Single	H
5962-9472401	AFL2815DX/CH	AFL	120	28	15	Dual	H
5962-9475301	AFL27012SX/CH	AFL	108	270	12	Single	H
5962-9550101	AFL27005DX/CH	AFL	80	270	5	Dual	H
5962-9550201	AFL27018R2DX/CH	AFL	100	270	18.2	Dual	H
5962-9553201	AFL27015DX/CH	AFL	120	270	15	Dual	H
5962-9553401	AFL27006SX/CH	AFL	80	270	6	Single	H
5962-9553501	AFL27009SX/CH	AFL	90	270	9	Single	H
5962-9556501	AFL27028SX/CH	AFL	112	270	28	Single	H
5962-9564801	ASA2812D/CH	ASA	5	28	12	Dual	H
5962-9579501	AFL2805DX/CH	AFL	80	28	5	Dual	H
5962-9579601	AFL2812DX/CH	AFL	108	28	12	Dual	H
5962-9650101	AFL27025SX/CH	AFL	100	270	25	Single	H
5962-9665901	AFL2808SX/CH	AFL	80	28	8	Single	H
5962-9689901	AFL2828SX/CH	AFL	112	28	28	Single	H
5962-9863801	AFL2806R5DX/CH	AFL	80	28	6.5	Dual	H
5962-9951801	AFL27012DX/CH	AFL	108	270	12	Dual	H
5962-9955201	AFL2803R3SX/CH	AFL	66	28	3.3	Single	H
5962-9955301	AFL27003R3SX/CH	AFL	66	270	3.3	Single	H
5962-9960801	AFL12005SX/CH	AFL	80	120	5	Single	H
5962-9960901	AFL12012DX/CH	AFL	108	120	12	Dual	H



Hybrid DC-DC Converters

MIL-PRF-38534 Class H and K SMD



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