PARTS LIST

REV.	DRAWN BY - DATE	MEC. CHECK - DATE	ELEC. CHECK - DATE	SYS. CHECK - DATE	P.A. CHECK - DATE	C. of C. CHECK - DATE	CHANGE AUTHORITY
/	A.A. 28.07.08	30/7/08	S.ALIA 30-7-08	S.ALIA 30-7-08	E. FRANCINI 30/07/08	C. CINQUERACHI 30/7/08	

PARTS LIST TITLE

AM02-PDS
AMS02 Power Distribution System ASSEMBLY
Parts list

CARLO GAVAZZI SPACE S.p.A.

FILE NAME	NEXT ASSY	PARTS LIST NUMBER	REV.
10-AMS02PDS-000_01_REV-	10-AMS02PDS-000.00	10-AMS02PDS-000.01	/

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POS.	DESCRIPTION	SPECIFICATION / PROC. SPEC	SUPPLIER	PART NUMBER / ID. CODE	ISSUE REV.	CGS CODE / MATERIAL	-01 Q.TY	-02 Q.TY	-03 Q.TY	-04 Q.TY	DATA CODE	S/N	REMARKS
1	BASEPLATE	10-AMS02PDS-000.04 REV.A	CGS	10-AMS02PDS-000.04	A	AL7075T7351 QQ-A-250/12	1						
2	MIDWALL FRONT	10-AMS02PDS-000.07 REV./	CGS	10-AMS02PDS-000.07	/	AL7075T7351 QQ-A-250/12	2						
3	MIDWALL REAR 1	10-AMS02PDS-000.08 REV./	CGS	10-AMS02PDS-000.08	/	AL7075T7351 QQ-A-250/12	1						
4	MIDWALL REAR 2	10-AMS02PDS-000.09 REV./	CGS	10-AMS02PDS-000.09	/	AL7075T7351QQ-A-250/12	1						
5	TOP COVER FRONT	10-AMS02PDS-000.10 REV./	CGS	10-AMS02PDS-000.10	/	AL7075T7351/QQ-A-250/12	1						
6	TOP COVER REAR	10-AMS02PDS-000.11 REV./	CGS	10-AMS02PDS-000.11	/	AL7075T7351 QQ-A-250/12	1						
7	FRONT PANEL	10-AMS02PDS-000.12 REV./	CGS	10-AMS02PDS-000.12	/	AL7075T7351QQ-A-250/12	1						
8	PDS STIFFENER	10-AMS02PDS-000.13 REV.A	CGS	10-AMS02PDS-000.13	A	OXIGEN FREE COPPER ALLOY (C10100) SPEC. ASTM-F-68	2						
9	PDS SUPPORT	10-AMS02PDS-000.14 REV./	CGS	10-AMS02PDS-000.14	/	AL7075T7351 QQ-A-250/12	2						
10	PDS CONNECTING PLATE	10-AMS02PDS-000.15 REV./	CGS	10-AMS02PDS-000.15	/	OXIGEN FREE COPPER ALLOY (C10100) SPEC. ASTM-F-68	2						
11	CONNECTING PLATE SPACER	10-AMS02PDS-000.16 REV./	CGS	10-AMS02PDS-000.16	/	PEEK SPEC. MIL-P-46183	2						
12	PDS BONDING STUD ASSY	10-AMS02PDS-400.00 REV./	CGS	10-AMS02PDS-400.00	/		1						
13	BONDING BAR #1	10-AMS02PDS-000.18 REV./	CGS	10-AMS02PDS-000.18	/	OXIGEN FREE COPPER ALLOY (C10100) SPEC. ASTM-F-68	1						
14	BONDING BAR #2	10-AMS02PDS-000.19 REV./	CGS	10-AMS02PDS-000.19	/	OXIGEN FREE COPPER ALLOY (C10100) SPEC. ASTM-F-68	1						
15	BONDING BAR SPACER	10-AMS02PDS-000.20 REV./	CGS	10-AMS02PDS-000.20	/	PEEK SPEC. MIL-P-46183	1						
16	BONDING BAR #3	10-AMS02PDS-000.21 REV./	CGS	10-AMS02PDS-000.21	/	OXIGEN FREE COPPER ALLOY (C10100) SPEC. ASTM-F-68	1						
17	PDS INSULATING BUSH #1	10-AMS02PDS-000.22 REV./	CGS	10-AMS02PDS-000.22	/	PEEK SPEC. MIL-P-46183	1						
18	PDS INSULATING BUSH #2	10-AMS02PDS-000.23 REV./	CGS	10-AMS02PDS-000.23	/	PEEK SPEC. MIL-P-46183	1						
19	PDS INSULATING BUSH #3	10-AMS02PDS-000.24 REV./	CGS	10-AMS02PDS-000.24	/	PEEK SPEC. MIL-P-46183	2						
20	PDS INSULATING BUSH #4	10-AMS02PDS-000.25 REV./	CGS	10-AMS02PDS-000.25	/	PEEK SPEC. MIL-P-46183	2						
21	REAR PANEL ASSY	10-AMS02PDS-100.00 REV./	CGS	10-AMS02PDS-100.00	/		1						

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PARTS LIST TITLE

AM02-PDS

AMS02 Power Distribution Syste .SSEMBLY

Parts list

CA AVAZZI SPACE S.p.A.

FILE NAME	NEXT ASSY	PARTS LIST NUMBER	REV.
10-AMS02PDS-000_01_REV-	10-AMS02PDS-000.00	10-AMS02PDS-000.01	/

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POS.	DESCRIPTION	SPECIFICATION / PROC. SPEC	SUPPLIER	PART NUMBER / ID. CODE	ISSUE REV.	CGS CODE / MATERIAL	-01 Q.TY	-02 Q.TY	-03 Q.TY	-04 Q.TY	DATA CODE	S/N	REMARKS
22	RIGHT PANEL ASSY	10-AMS02PDS-200.00 REV./	CGS	10-AMS02PDS-200.00	/		1						
23	LEFT PANEL ASSY	10-AMS02PDS-300.00 REV./	CGS	10-AMS02PDS-300.00	/		1						
24	MOTHER BOARD MID FRAME ASSY	10-AMS02PDS-500.00 REV./	CGS	10-AMS02PDS-500.00	/		1						
25	INPUT STAGE ASSY	11-AMS02PDS-200.00 REV./	CGS	11-AMS02PDS-200.00	/		1					01	
26	INPUT STAGE ASSY	11-AMS02PDS-200.00 REV./	CGS	11-AMS02PDS-200.00	/		1					02	
27	PB2-slots THERMAL FILLER	10-AMS02PDS-000.26 REV./	CGS	10-AMS02PDS-000.26	/	CHO-THERM 1671 FILLER with PSA	16						
28	ESEM3-A ASSY	11-AMS02PDS-300.00 REV./	CGS	11-AMS02PDS-300.00	/		1					01	
29	ESEM3-A ASSY	11-AMS02PDS-300.00 REV./	CGS	11-AMS02PDS-300.00	/		1					02	
30	ESEM3-A ASSY	11-AMS02PDS-300.00 REV./	CGS	11-AMS02PDS-300.00	/		1					03	
31	ESEM3-A ASSY	11-AMS02PDS-300.00 REV./	CGS	11-AMS02PDS-300.00	/		1					04	
32	ESEM3-A ASSY	11-AMS02PDS-300.00 REV./	CGS	11-AMS02PDS-300.00	/		1					05	
33	ESEM3-A ASSY	11-AMS02PDS-300.00 REV./	CGS	11-AMS02PDS-300.00	/		1					06	
34	ESEM3-A ASSY	11-AMS02PDS-300.00 REV./	CGS	11-AMS02PDS-300.00	/		1					07	
35	ESEM3-A ASSY	11-AMS02PDS-300.00 REV./	CGS	11-AMS02PDS-300.00	/		1					08	
36	ESEM3-B ASSY	11-AMS02PDS-400.00 REV./	CGS	11-AMS02PDS-400.00	/		1					01	
37	ESEM3-B ASSY	11-AMS02PDS-400.00 REV./	CGS	11-AMS02PDS-400.00	/		1					02	
38	CAN BUS I/F ASSY	11-AMS02PDS-500.00 REV./	CGS	11-AMS02PDS-500.00	/		1					01	
39	CAN BUS I/F ASSY	11-AMS02PDS-500.00 REV./	CGS	11-AMS02PDS-500.00	/		1					02	
40	ESEM1-A ASSY	11-AMS02PDS-600.00 REV./	CGS	11-AMS02PDS-600.00	/		1					01	
41	ESEM1-A ASSY	11-AMS02PDS-600.00 REV./	CGS	11-AMS02PDS-600.00	/		1					02	
42	PB2 MODULE ASSY	11-AMS02PDS-700.00 REV./	CGS	11-AMS02PDS-700.00	/		1					01	
43	PB2 MODULE ASSY	11-AMS02PDS-700.00 REV./	CGS	11-AMS02PDS-700.00	/		1					02	
44	PB2 MODULE ASSY	11-AMS02PDS-700.00 REV./	CGS	11-AMS02PDS-700.00	/		1					03	
45	PB2 MODULE ASSY	11-AMS02PDS-700.00 REV./	CGS	11-AMS02PDS-700.00	/		1					04	
46	PB2 MODULE ASSY	11-AMS02PDS-700.00 REV./	CGS	11-AMS02PDS-700.00	/		1					05	
47	PB2 MODULE ASSY	11-AMS02PDS-700.00 REV./	CGS	11-AMS02PDS-700.00	/		1					06	
48	PB2 MODULE ASSY	11-AMS02PDS-700.00 REV./	CGS	11-AMS02PDS-700.00	/		1					07	
49	PB2 MODULE ASSY	11-AMS02PDS-700.00 REV./	CGS	11-AMS02PDS-700.00	/		1					08	
50	DISTRIBUTION BOARD ASSY	11-AMS02PDS-800.00 REV./	CGS	11-AMS02PDS-800.00	/		1					01	
51	INTERNAL CABLING ASSY	11-AMS02PDS-900.00 REV./	CGS	11-AMS02PDS-900.00	/		1						
52	IDENTIFICATION LABEL	10-AMS02PDS-000.03 REV./	CGS	10-AMS02PDS-000.03	/	AL7075-T73 QQ-A-250/12	1						
53	PROTECTIVE COVER	MIL-DTL-38999,MS27510	GLENAIR	MS27510E14CL			1						
54	C_SUNK SCREW 8-32UNCx1/2"	MS24671	NASA (AMS02)	MS24671-14		CRES	56						
55	SCREW 10-32UNFx1/2"	NAS1351	NASA (AMS02)	NAS1351N3-8		A286	19						

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PARTS LIST TITLE

AM02-PDS

AMS02 Power Distribution Syste ASSEMBLY

Parts list

CA. GAVAZZI SPACE S.p.A.

FILE NAME	NEXT ASSY	PARTS LIST NUMBER	REV.
10-AMS02PDS-000_01_REV-	10-AMS02PDS-000.00	10-AMS02PDS-000.01	/

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POS.	DESCRIPTION	SPECIFICATION / PROC. SPEC	SUPPLIER	PART NUMBER / ID. CODE	ISSUE REV.	CGS CODE / MATERIAL	-01 Q.TY	-02 Q.TY	-03 Q.TY	-04 Q.TY	DATA CODE	S/N	REMARKS
56	SCREW 10-32UNFx5/8"	NAS1351	NASA (AMS02)	NAS1351N3-10		A286	30						
57	SCREW 8-32UNCx3/8"	NAS1352	NASA (AMS02)	NAS1352N08-6		A286	15						
58	SCREW 8-32UNCx1/2"	NAS1352	NASA (AMS02)	NAS1352N08-8		A286	81						
59	SCREW 8-32UNCx5/8"	NAS1352	NASA (AMS02)	NAS1352N08-10		A286	2						
60	SCREW 8-32UNCx3/4"	NAS1352	NASA (AMS02)	NAS1352N08-12		A286	6						
61	SCREW 8-32UNCx7/8"	NAS1352	NASA (AMS02)	NAS1352N08-14		A286	1						
62	WASHER	NAS620	NASA (AMS02)	NAS620C8		CRES	89						
63	WASHER	NAS620	NASA (AMS02)	NAS620C10		CRES	43						
64	WASHER FOR M3	DIN433, ISO7092	BOSSARD	DIN433xM3		A4-70	43						
65	WASHER FOR M5	DIN433, ISO7092	BOSSARD	DIN433xM5		A4-70	2						
66	LOCKING WASHER FOR M3	DIN127B	BOSSARD	DIN127Bx M3		A4-70	17						
67	SCREW M3x6	DIN912, ISO4762	BOSSARD	DIN912 M3x6		A4-70	21						
68	C_SUNK SCREW M3x8	DIN7991, ISO10642	BOSSARD	DIN7991 M3x8		A4-70	16						
69	SCREW M3x10	DIN912, ISO4762	BOSSARD	DIN912 M3x10		A4-70	1						
70	SCREW M3x12	DIN912, ISO4762	BOSSARD	DIN912 M3x12		A4-70	2						
71	SCREW M3x16	DIN912, ISO4762	BOSSARD	DIN912 M3x16		A4-70	2						
72	SCREW M4x8	DIN912, ISO4762	BOSSARD	DIN912 M4x8		A4-70	1						
73	NUT M3	DIN439B, ISO4035	BOSSARD	DIN439B M3		A4-70	17						
74	NUT M5, SELFLOCKING	DIN980V	BOSSARD	DIN980V M5		1.4301	1						
75	PIN	DIN7, ISO2338	BOSSARD	DIN7 dia1x6		1.4305	4						
76	WASHER FOR M4	DIN433, ISO7092	BOSSARD	DIN433xM4		A4-70	2						
77	SCREW M4x10	DIN912, ISO4762	BOSSARD	DIN912 M4x10		A4-70	2						
78	THERMAL COATING, ADHESIVE TAPE	G401905,ASTM D-3368	SHELDAHL	146415-002		FEP 5MIL	ar						
79	THERMOSTAT	S-311-641/03	HONEYWELL DSES-WA USA	G311P641/03706S-17B-06/3/3/5			8						
80	2KΩ @25°C THERMISTOR	According to ESCC 4006/001-07 level B	HONEYWELL FENWAL ELECTRONICS-USA	526-31AN07-202			2						

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