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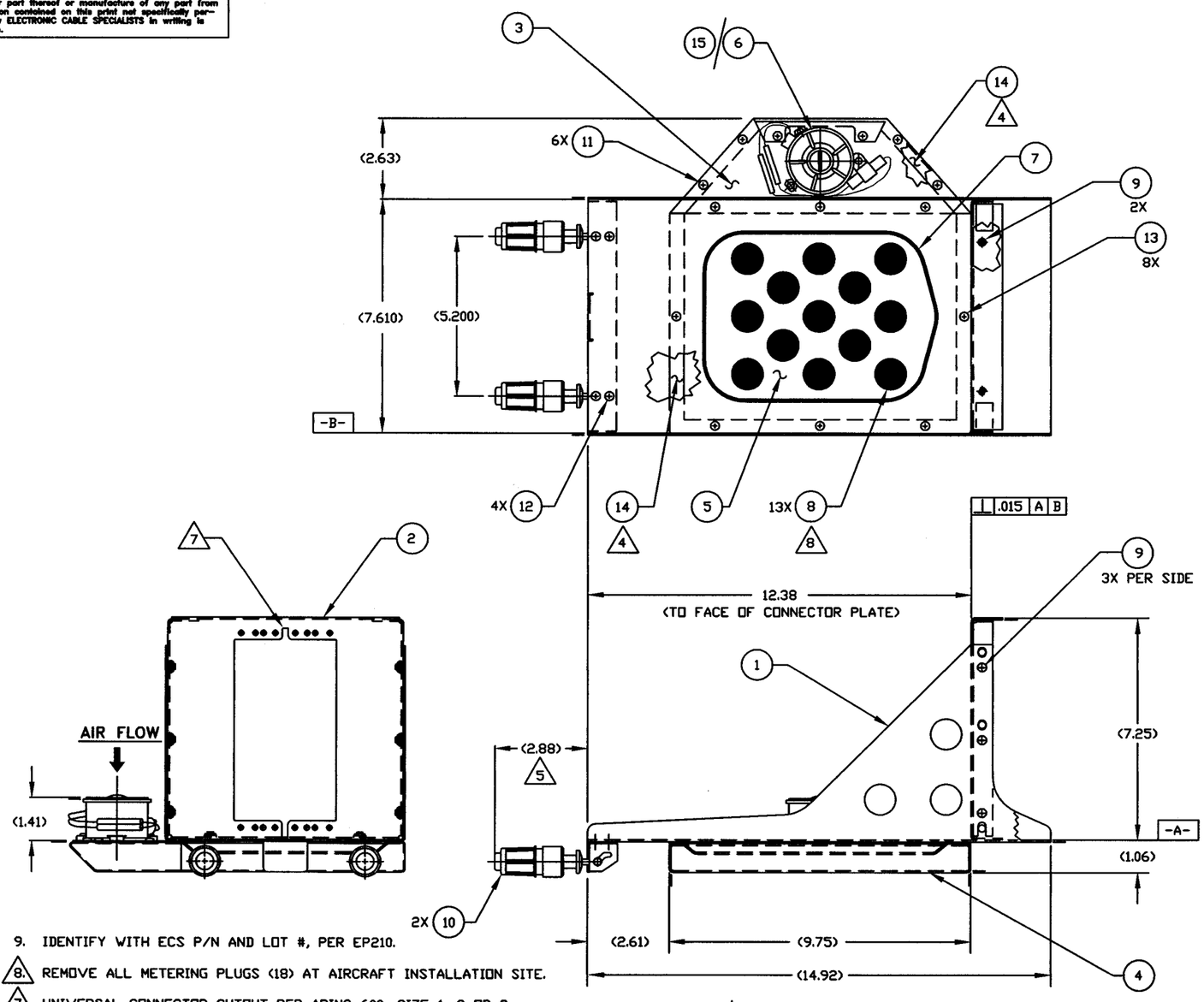
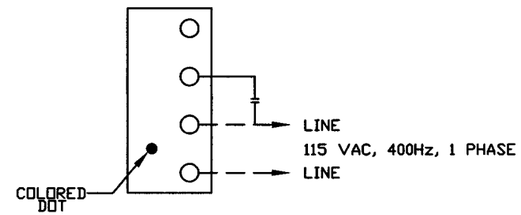
DWG NO. 6216 | SHEET 1 | REV. B

REVISIONS

ECN	SHT.	ZONE	REV.	BRIEF DESCRIPTION (SEE ECN FOR FULL DESCRIPTION)	DATE	APPROVED
3453			N/C	RELEASED	10/20/95	K RAIHALA
9824		A8	A	ADDED NOTE 9	JTS 4/19/00	L HECKEL
16268		P/L P/L C2 B8	B	ADDED -102 ASSEMBLY ADDED ITEM 15 FAN WIRES WERE SOLID ADDED AIR FLOW ARROW	BA 3/30/05	





FAN MOTOR WIRE TERMINATION DIAGRAM

ITEM	QTY -102	QTY -101	COMPONENTS PART NO. OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	MATERIAL/SPECIFICATION	CAGE CODE	ITEM NO.
1	-		S0085-103	FAN ASSEMBLY, AC	———		15
6 4	A/R	A/R	DOW CORNING RTV 3145, CLR	SEALANT, ADHESIVE	(SILICONE RUBBER)	71984	14
	8	8	MS24693-C24	SCREW, FLAT HEAD	(.138-32 X .25 LONG)		13
	4	4	MS24693-C25	SCREW, FLAT HEAD	(.138-32 X .31 LONG)		12
	6	6	MS51957-26	SCREW, PAN HEAD	(.138-32 X .25 LONG)		11
	2	2	10344-101	HOLD DOWN ASSY, INSERTION/EXTRACTION	———		10
	8	8	MS24693-C26	SCREW, FLAT HEAD	(.138-32 X .38 LONG)		9
	13	13	10736-01	PLUG BUMPER	(RUBBER)		8
	1	1	10016-106	DEFORMATION SEAL ASSY, 6 MCU	(SILICONE RUBBER)		7
	-	1	S0085-107	FAN ASSEMBLY, AC	———		6
	1	1	10024CC-01	METERING PLATE, 6 MCU	(.040 AL ALLOY 5052 OR 6061)		5
	1	1	S0164-206	PLENUM ASSY. 6 MCU	(.040 AL ALLOY 6061)		4
3	1	1	S0105-104	COVER ASSY, PLENUM	(.040 AL ALLOY 6061)		3
	1	1	10018CC-108	CONNECTOR PLATE ASSY, 6 MCU	(.063 AL ALLOY 6061)		2
	1	1	S0082CC-106	TRAY WELDING ASSY, 6 MCU	(.063 AL ALLOY 6061)		1

PART LIST

-102 / -101 ASSEMBLY

9. IDENTIFY WITH ECS P/N AND LOT #, PER EP210.
8. REMOVE ALL METERING PLUGS (18) AT AIRCRAFT INSTALLATION SITE.
7. UNIVERSAL CONNECTOR CUTOUT PER ARINC 600, SIZE 1, 2 OR 3.
6. ALTERNATE PART NO. DOW CORNING P/N RTV-732CLR.
5. MAXIMUM EXTENSION WHEN LRU IS SECURELY FASTENED TO TRAY ASSEMBLY.
4. APPLY (14) AROUND SCREW HOLES & CONTACT SURFACES AT ASSEMBLY TO PROVIDE A SEAL BETWEEN (1) / (3) & (4).
3. FINISH: (CLEAR CHEM FILM PER MIL-C-5541, CLASS 3).
2. DESIGNED TO MEET THE APPLICABLE REQUIREMENTS OF THE FOLLOWING:
   A: ARINC 600-9: 6 MCU,
   B: RTCA/DO-160C ENV. CAT. A1-BABXXXXXXXXXXXXXXX
1. DIMENSIONS AND TOLERANCES PER ANSI Y14.5M-1982.

NOTES: UNLESS OTHERWISE SPECIFIED

THIRD ANGLE PROJECTION

CAD GENERATED DOCUMENT
ANY CHANGES TO THIS DOCUMENT MUST BE SUBMITTED TO THE DESIGN/DRAFTING DEPARTMENT FOR PROPER UPDATE

COMP/ASSY PART NO.	QTY REQ'D	DRAWING NO.	PROJECT NO.
-102	1	120-87144	011144
-101	1	FINAL	95-0000

APPLICATION

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ARE: FRACTIONS ± | DECIMALS .XX ± 0.03, .XXX ± 0.010 | ANGULAR ± 1°. DO NOT SCALE DRAWING

WELDING | BRAZING | TREATMENT | FINISH | PRODUCTION | QUALITY ASSURANCE | ADDITIONAL APPROVALS | DATE

SIMILAR TO | ACT. WT | CALC WT

CONTRACT NO.

		DATE
DRAWN	S KANTORSKI	9/26/95
CHECKED	K RAIHALA	11/20/95
DESIGNED	K RAIHALA	11/20/95
PROJECT	K RAIHALA	11/20/95
MANUFACTURING		
ENGINEERING	T ANTCZAK	11/20/95

ELECTRONIC CABLE SPECIALISTS
FRANKLIN, WI 53132
PHONE: (414) 421-5300

TITLE: TRAY ASSEMBLY, 6 MCU S/S, W/ LEFT SIDE AC FAN

SIZE D | CAGE CODE 66197 | LEVEL C/A | DWG NO. 6216 | SCALE 1/2 | SHEET 1 OF 1