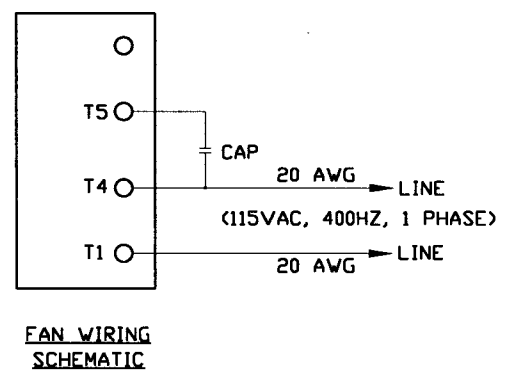


DWG NO.		SHEET		REV.		
6286		1		B		
REVISIONS						
ECN	SHT.	ZONE	REV.	BRIEF DESCRIPTION (SEE ECN FOR FULL DESCRIPTION)	DATE	APPROVED
4693			N/C	RELEASED FOR FULL PRODUCTION	10/10/96	R RAIHALA
5328		P/L F/D D5	A	CHNG'D QTY OF ITEM 7 WAS 8 ADDED 4 PLENUM SCREWS CHNG'D BALLOON CALLOUT WAS 7 8X	MJB 7/14/99	J SHAW
9824			B	ADDED NOTE 9	10/18/99	Z. J. J. J.



FAN WIRING SCHEMATIC

A/R	DOW CORNING RTV3145, CLR	ADHESIVE SEALANT	(SILICONE RUBBER)	71984	12
1	10016-108	DEFORMATION SEAL ASSY, 8 MCU	(SILICONE RUBBER)		11
18	10736-01	PLUG BUMPER	(RUBBER)		10
9	MS24693-C26	SCREW, FLAT HEAD	(#6-32 X .38 LONG)		9
4	MS24693-C25	SCREW, FLAT HEAD	(#6-32 X .31 LONG)		8
12	MS24693-C24	SCREW, FLAT HEAD	(#6-32 X .25 LONG)		7
2	10344-101	HOLD DOWN, FRONT INSERTION/EXTRACTION			6
1	S0085-116	FAN ASSEMBLY, AC			5
1	10035CC-01	METERING PLATE 8 MCU	(.040 AL ALLOY 5052 OR 6061)		4
1	S0089CC-202	PLENUM ASSY, 8 MCU W/ BAFFLE	(.040 AL ALLOY 6061)		3
1	10018CC-110	CONNECTOR PLATE ASSY, 8 MCU	(.063 AL ALLOY 6061)		2
1	S0077CC-408	TRAY WELDING ASSY, 8 MCU	(.063 AL ALLOY 6061)		1

9. IDENTIFY WITH ECS P/N AND LOT #, PER EP 210
8. APPLY (12) AROUND SCREW HOLES & CONTACT SURFACES AT ASSEMBLY TO PROVIDE A SEAL BETWEEN (1) & (3).
7. ALTERNATE PART NO.: DOW CORNING P/N RTV-732CLR.
6. REMOVE ALL (18) PLUGS FROM TRAY AT TIME OF INSTALLATION.
5. MAXIMUM EXTENSION WHEN LRU IS SECURELY FASTENED TO TRAY ASSEMBLY.
4. UNIVERSAL CONNECTOR CUT-OUT FOR ARINC 600; SIZE 1, 2 OR 3.
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: 8 MCU, LEVEL 1 COOLING
 EXCEPTIONS AND LIMITATIONS TO ARINC 600-9:
 1. MAXIMUM STEADY-STATE HEAT DISSIPATION: 250-360W
 B: ENVIRONMENTAL CONDITIONS RTCA/DO-160C ENV. CAT. D2-BABXXXXXXXXXXXXXXXXXX.
 EXCEPTIONS AND LIMITATIONS TO RTCA/DO-160C
 1. MAX. OPERATING ALTITUDE: 51,000 ft.
 2. MAX COOLANT AIR BULK INLET TEMP 51,000 ft: 15°C
 3. NOT RECOMMENDED FOR INSTALLATION IN PRESSURIZED AREAS.
1. DIMENSIONS AND TOLERANCES PER ANSI Y14.5M-1982.
- NOTES: UNLESS OTHERWISE SPECIFIED

(-101) ASSEMBLY

THIRD ANGLE PROJECTION

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

WEIGHTS	4.3 lbs
STRESS	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE:	
FRACTIONS	XX ±.03
DECIMALS	.XXX ±.010
ANGULAR	° ±
TREATMENT	
FINISH	
SIMILAR TO	6241
ACT. WT	
CALC WT	
QUALITY ASSURANCE	
ADDITIONAL APPROVALS	
DATE	

CONTRACT NO.	
DRAWN	K. SOMMERS
DATE	9/10/96
CHECKED	K. RAIHALA
DATE	10/10/96
DESIGNED	K. RAIHALA
DATE	10/10/96
PROJECT	K. RAIHALA
DATE	10/10/96
MANUFACTURING	
DATE	
ENGINEERING	M. REICK
DATE	10/10/96

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

TITLE: TRAY ASSY, 8 MCU S/L W/RIGHT REAR HIGH ALTITUDE FAN

SCALE: 1/2 EFFECTIVITY: SHEET 1 OF 1