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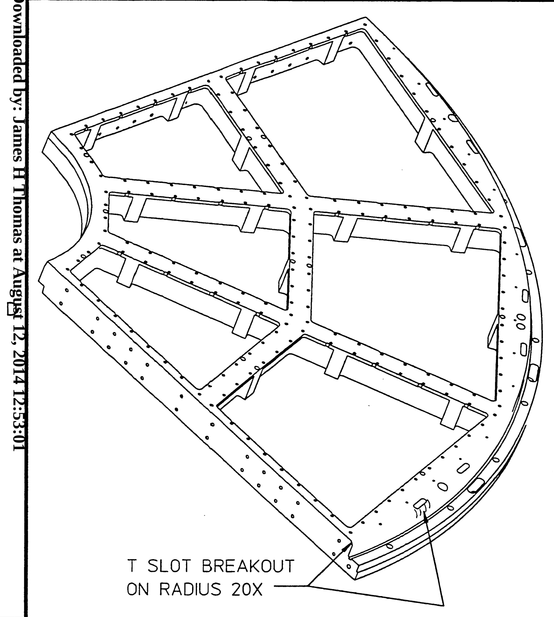
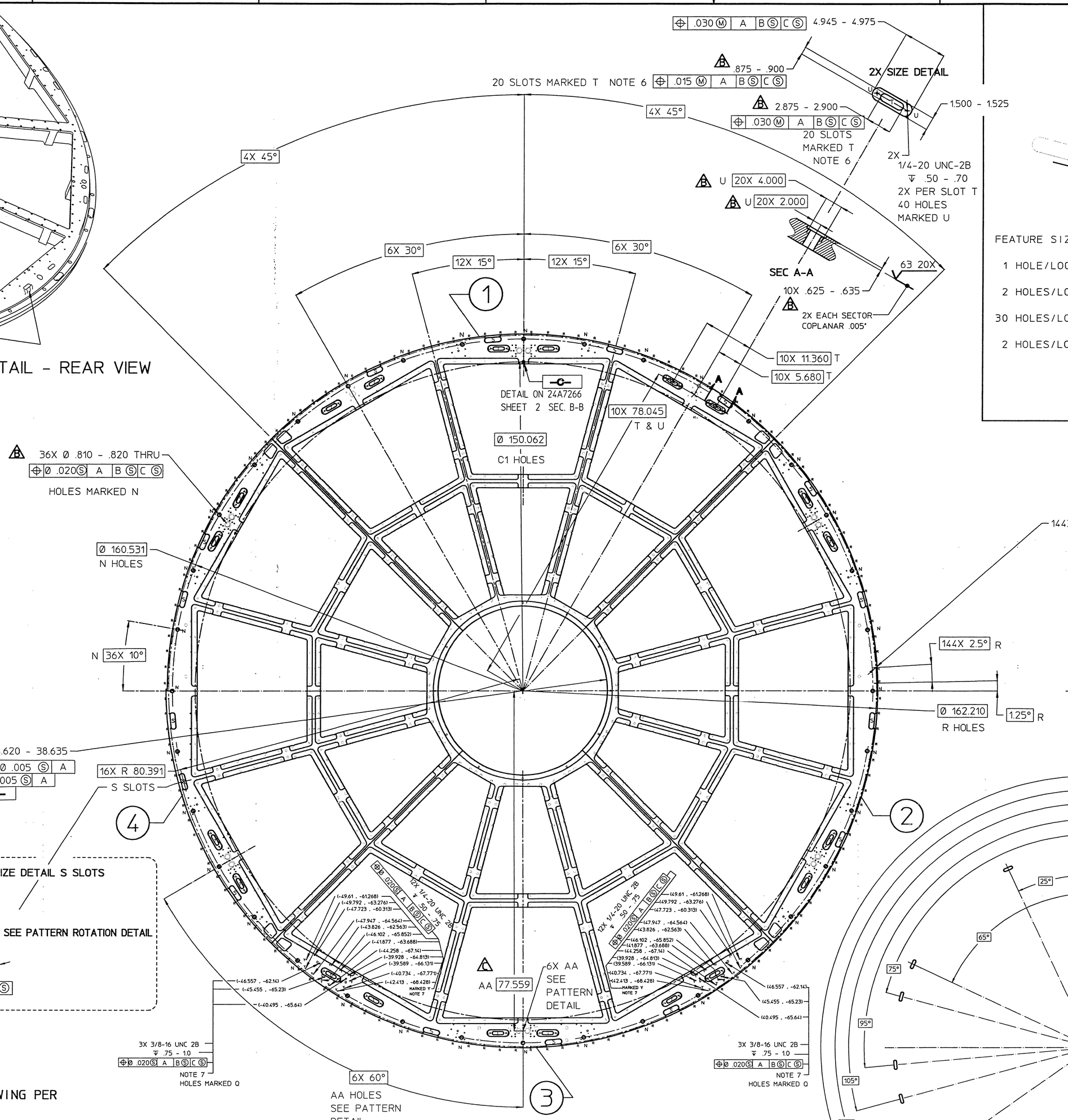
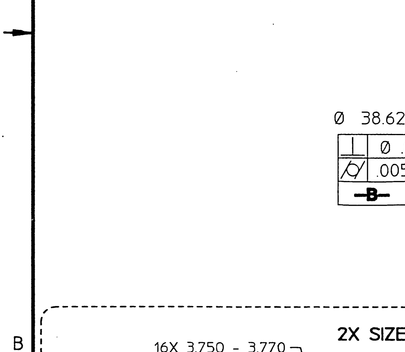
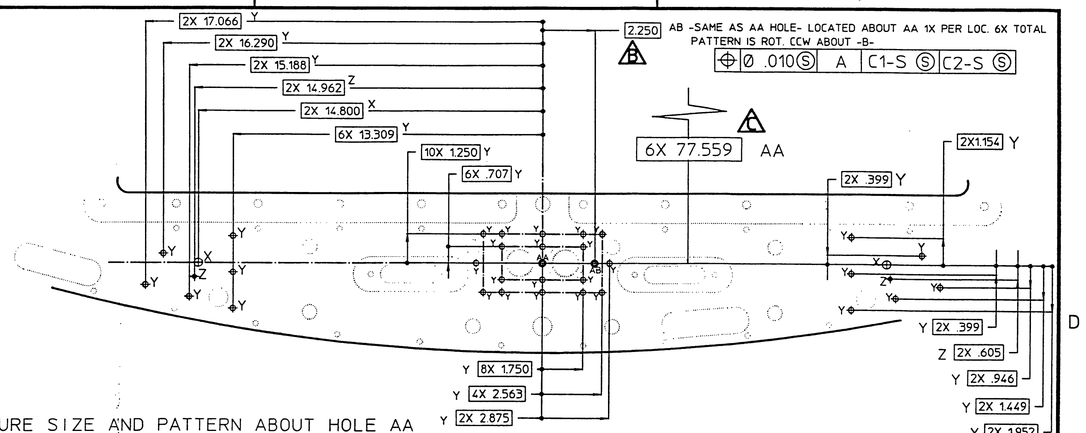


T SLOT BREAKOUT DETAIL - REAR VIEW



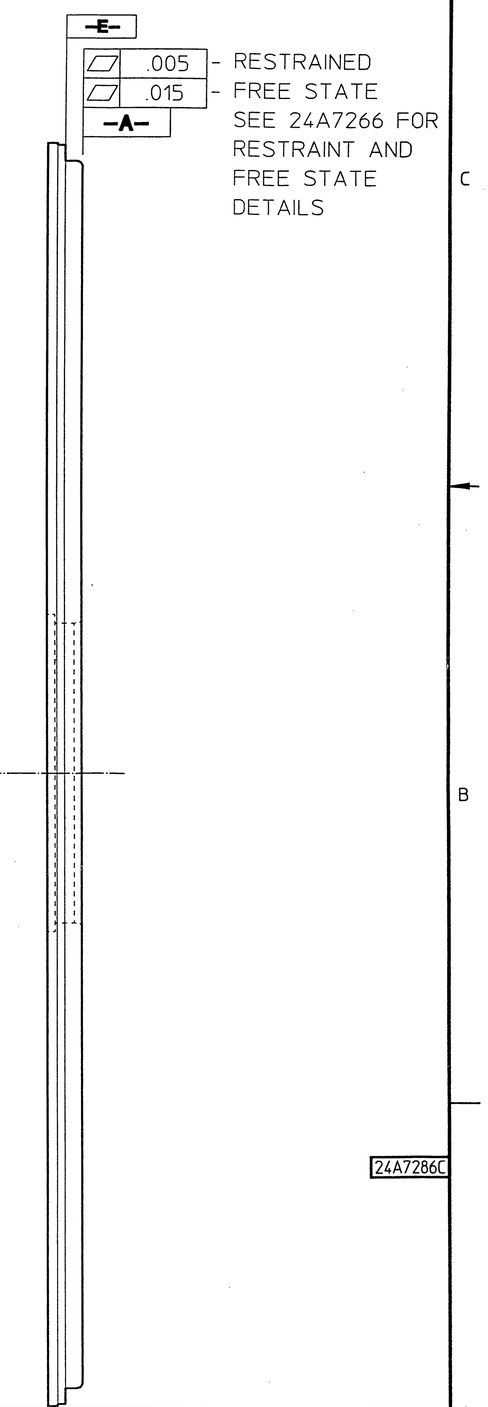


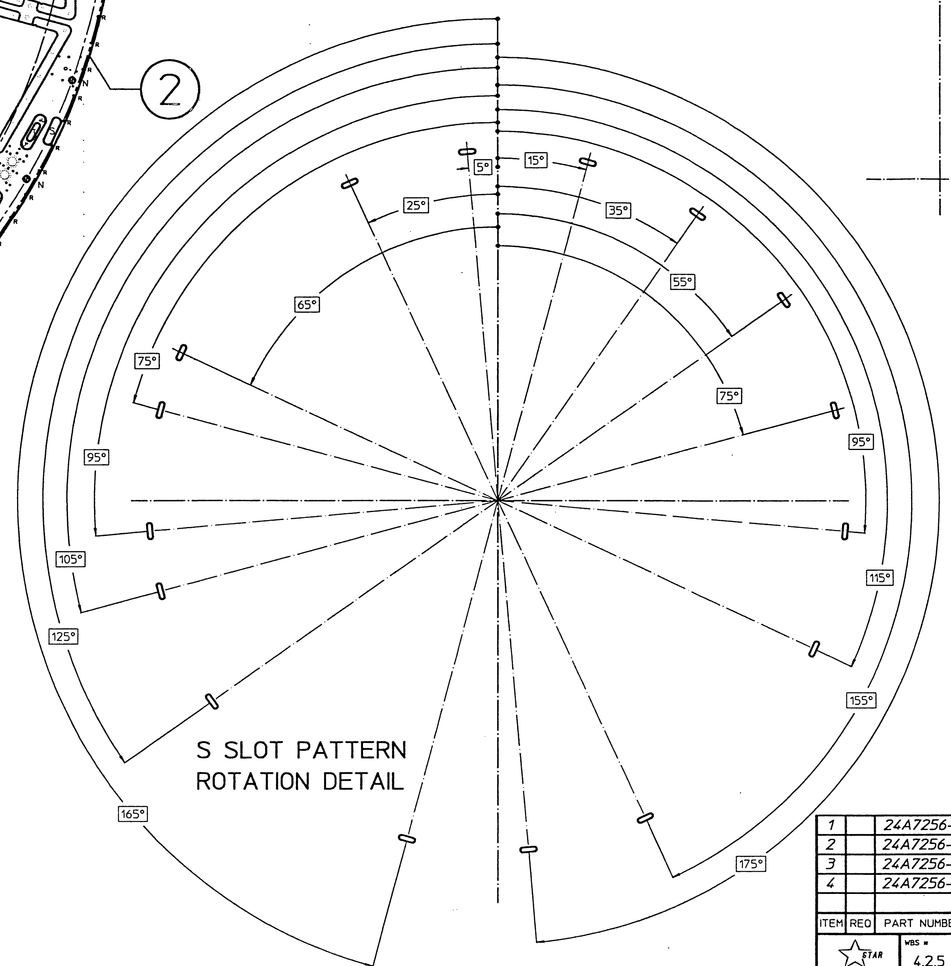


FEATURE SIZE AND PATTERN ABOUT HOLE AA

1 HOLE/LOC.	AA =	Ø .250 - .251 ↧ .500 - .750	Ø .010 S A C1-S S C2-S S	S = SECTOR NUMBER
2 HOLES/LOC.	X =	3/8-16 UNC 2B ↧ .500 - .750	Ø .010 S A C1-S S C2-S S	S = SECTOR NUMBER
30 HOLES/LOC.	Y =	1/4-20 UNC 2B ↧ .500 - .750	Ø .020 S A C1-S S C2-S S	S = SECTOR NUMBER B
2 HOLES/LOC.	Z =	Ø .125 - .126 ↧ .250 - .375	Ø .010 S A C1-S S C2-S S	S = SECTOR NUMBER

6X HOLE PATTERN DETAIL LOCATED ABOUT AA
HOLES AA, X, Y, Z





S SLOT PATTERN ROTATION DETAIL

NOTE:
1. INTERPRET THIS DRAWING PER ANSI Y14.5M, 1982.
2. ALL DIMENSIONS ARE INCHES. ALL DIMENSIONS APPLY TO FINAL ASSEMBLY AS SHOWN ON 24A7256.
3. ASSEMBLY AS DRAWN IS SHOWN FABRICATED FROM 4 90° SECTIONS. REFER TO 24A7256 AND SPECIFICATION #M 830 FOR OTHER FABRICATION OPTIONS.
4. FOR CLARITY, NOT ALL HIDDEN LINES ARE SHOWN. SEGMENT ADJOINING RIB ATTACHMENT BOLTS ARE NOT SHOWN.
5. NOT ALL HOLES ARE IDENTIFIED ON THIS DRAWING. SEE NOMENCLATURE DRAWING 24A7306 WHICH SHOWS ALL HOLES AND FEATURES AT NOMINAL SIZE WITHOUT DIMENSIONS FOR HOLE AND FEATURE IDENTIFICATION AND PATTERN LOCATION.
6. EDGE OF SLOT WILL BREAKOUT INTO RADIUS ON FARSIDE. SEE BREAKOUT DETAIL.
7. (X,Y) COORDINATES ARE FROM CENTER OF BORE -B-

FRONT VIEW AS SHOWN ON 24A7256

ITEM	REQ	PART NUMBER	DESCRIPTION
1		24A7256-1	SEGMENT 12 OCLOCK, ALUMINUM 6061-T651 AS REQUIRED
2		24A7256-2	SEGMENT 3 OCLOCK, ALUMINUM 6061-T651 AS REQUIRED
3		24A7256-3	SEGMENT 6 OCLOCK, ALUMINUM 6061-T651 AS REQUIRED
4		24A7256-4	SEGMENT 9 OCLOCK, ALUMINUM 6061-T651 AS REQUIRED

STAR	WBS = 4.2.5	Production Approval: Cognizant Engineer: R WELLS	STAR DRAWING NUMBER: TPC503-E-1	REV.: C	RHIC DRAWING NUMBER: REV.

REV.	DWN.	CHK.	ZONE	DATE	CHANGES
C	GK			11/16/95	AA DIM. WAS 75.559 IN DETAIL VIEW - SEE LOC. B5 WHERE AA DIM. IS 77.559
B	GK			6/14/95	RE-DIM'D U HOLE SP, INCR. T SLOT SIZE, DECR CBORE TOL OF T SLOT
					N HOLE DIA. WAS .812-.820, DELETED MOST CHAM. DIA. RANGE CALLOUTS-USE DEFAULT EDGE BREAK TOL.
					TRUPO OF 30 Y HOLES LOC. ABOUT AA WAS .01, ADDED 1 AB HOLE LOC. ABOUT AA @ X, SEE AREA D-1
A	GK			3/27/95	RELEASED FOR FABRICATION

UNLESS OTHERWISE SPECIFIED
ALL DIMENSIONS ARE INCHES
TOLERANCES: X = ±.06, XX = ±.020, XXX = ±.005; ANGLES ±.5°; FINISH 125
ALL SCREW THREADS PER ANSI Y14.6
BREAK EDGES .020/.05 MAX ON MACHINE WORK.
REFERENCE - ANSI Y14.5 & B46.1

SHOP ORDERS
ACCT. NO.: SER. NO.:
DATE: DATE REQD.: NO.:
GOES DELIVER TO:
SURFACE TREATMENT: ---
CONFIGURATION METHOD: ---
DRAWN BY: WEDENBACH / KOEHLER DATE: 3/27/95
CHECK BY: DATE: 11/13/95

LAWRENCE BERKELEY LABORATORY
UNIVERSITY OF CALIFORNIA - BERKELEY
RHIC - STAR - TPC WHEEL
FRONT VIEW DETAILS - SHEET 4

PATENT CLEAR	DRAWING TYPE	SHOWN ON	SCALE: .10	DO NOT SCALE PRINTS
MICROFILMED: M 12/95	DESIGN ACCOUNT: 8052-25	CATEGORY CODE: SR-02-05	LBL DRAWING NUMBER: 24A7286	REV.: C

24A7286C