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Released: May 19th, 1994 DCC Auth Key: IYMME416RQ
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ITEM	RQ'D	Part Number	Material/Parts Call-Out
			ALUMINUM 6061-T6

15 x .225 / 5.72

.395 / 10.03

SECTION A–A
SCALE 1:1

1.078 / 27.39

14 x 1.630 = 22.820 / 579.75

SEE DETAIL 1 (x15)

.450 / 11.43

SEE DETAIL 1

4 x R .063 / 1.59

.260 ± .004 / 6.60 ± 0.10

.130 ± .002 / 3.30 ± 0.05

.258 ± .002 / 6.55 ± 0.05

.156 ± .002 / 3.97 ± 0.05

.516 ± .004 / 13.11 ± 0.10

.312 ± .004 / 7.94 ± 0.10

.180 ± .002 / 4.56 ± 0.05

.690 ± .004 / 17.53 ± 0.10

4 x R .063 / 1.59

DETAIL 1
SCALE 2:1
15 PLACES

⌖ .010/.25Ⓢ A B C

DETAIL 2
SCALE 2:1
5 PLACES

⌖ .010/.25Ⓢ A B C

2 x R

.250 / 6.35

1.640 / 41.66

DETAIL 3
SCALE 2:1
5 PLACES

⌖ .010/.25Ⓢ A B C

.250 / 6.35

2 x R .150 / 3.81

.300 / 7.62

.260 / 6.60

2 x R .125 / 3.18

.800 / 20.32

.845 / 21.46 5 PLACES SEE DETAIL 3

REF

.600 / 15.24

SECT C–C
SCALE 1:1

SEE DETAIL 2 (x6)

SEE DETAIL 3 (x5)

.225 / 5.71

.950 / 24.12

4.891 / 124.22

4.891 / 124.23 (x5)

2.703 / 68.67

SECTION B–B
SCALE 1:1

.800 / 20.32

-A-

.294 / 7.46

-C-

.1/2.54 x 45° CHAMF
3 PLACES

25.08 / 637.03

24.312 / 617.53

SEE DETAIL 4 (x2)

.600 / 15.24

4.565 / 115.94

6.020 / 152.90

.500 / 12.70 (x2)

24.32 / 617.73

.400 / 10.16

.199 / 5.06

.350 / 8.89

R .13 / 3.3

2 x #10(.190)-32UNC-2B TAP THRU

⌖ Ø.010/.25Ⓢ A B C

.57 / 14.5

15.0°

-B-

.800 / 20.32

.850 / 21.59

24A4816

DETAIL 4
SCALE 2:1

R .13 / 3.2 (x2)

.150 / 3.81

.500 / 12.70 REF

REV.	DWN.	CHK.	ZONE	DATE	CHANGES
A	JB			95-04-04	CHANGED TO STAR LOGO, DUAL DIMS.
A	JB			95-04-04	ADDED 2.260,.150 WAS .100

UNLESS OTHERWISE SPECIFIED
ALL DIMENSIONS ARE INCHES / CENTIMETERS
TOLERANCES: X/X = ±.06/.15; ANGLES ±5°; .XX/X = ±.02/0.05; FINISH 125/32; 0.XXX/XX=±.005/.01
SAWED, FLAMECUT, SHEARED OR STOCK FINISH
ALL SCREW THREADS ARE ISO METRIC CLASS 6
BREAK EDGES .020/.05 MAX ON MACHINE WORK
REFERENCE - ANSI Y14.5 & B46.1

SHOP ORDERS
ACCT. NO.
SER. NO.
DATE RECD.
DATE DELIV.
NO. RECD.
TO
SURFACE TREATMENT: DEGREASE
IDENTIFICATION METHOD: TAG
DRAWN BY J BOEHM /JB/ DATE 95/05/19
CHECK BY
DATE
MICROFILMED

STAR | WBS = 0.00.0 | Production Approval/ Cognizant Engineer: J BERCOVITZ
STAR DRAWING NUMBER: TPC366-E-1 | REV. A
RHIC DRAWING NUMBER: XXXXXXXXX | REV. -

LAWRENCE BERKELEY LABORATORY
UNIVERSITY OF CALIFORNIA - BERKELEY
RHIC-STAR-TPC
INNER SECTOR
LOWER HEADER, LEFT

PATENT CLEAR
DRAWING TYPE: DETAIL
SHOWN ON: 00X0000
SCALE: FULL
DO NOT SCALE PRINTS
DESIGN ACCOUNT: 8052-24
CATEGORY CODE: SR-02-04
LBL DRAWING NUMBER: 24A4816 | REV. A