Officially Released to the LBNL Document Control Center
Released: June 1st, 1998 DCC Auth Key:
Downloaded by: James H Thomas at August 12, 2014 13:10:44

2x 1/2-13 UNC 2B x 1.0 DEEP
⌖ Ø .030 Ⓜ A B C

(2.75)

2x 1.375

6.550

8.450

14 sp. @22.00=308.00

8x 3/4-10 UNC 2B THRU
⌖ Ø .030 Ⓜ A B C
2 PATTERN LOCS

22.000

D E

11.839

cc 15.4 dd

.428

1.161

90°

R 2.0

30° ±5°

13.00 ±.015

2x ⌭ .015 A
⫽ .015 B
NOTE 1

11.84
cc to dd

15X 6.00

15X 3/4-10 UNC 2B THRU
⌖ Ø .060 Ⓜ A B C

B
— .030 RESTRAINED

48.450

52.950

45°

343.950

C

⊥ .010 A
⊥ .010 B

348.450

352.0

⏥ .250
A

-1 SHOWN. SEE DETAIL
FOR -2

24A3466-2
MILLED POCKET AND
DATUM A AS SHOWN
FAR SIDE

24A3466-1
MILLED POCKET AND
DATUM A AS SHOWN
NEAR SIDE

2 PATTERN LOCS

4x 10.00

4x 5.50

9.700

5.575

1.450

bb

9x 3/4-10 UNC 2B THRU
⌖ Ø .030 Ⓜ A B C

9.300

6.000

2.700

A

aa

⌓ .010 A B C
from aa to bb

2x R.500

9.600/9.605

11.000

1.200

24A3466B

A -2

1.375/1.385

1.375/1.385

A -1

NOTE:

1. DATUM FEATURE D-E IS MEASURED PARALLEL TO DATUM B WHEN A TRUE GEOMETRIC COUNTERPART OF DATUMS D-E (A 90° V-BLOCK) IS PLACED ON D-E AND CHECKED BY MEASURING ACROSS DATUM B AND THE BACK SIDE OF THE V-BLOCK.

2. FINISHED PART WEIGHT IS 3400 LB.

REV	DWG	CHK	ZONE	DATE	CHANGES
B	GK			9/4/98	RELAXED T.P.& STRAIGHTNESS
					TOLS, ADDED DATUMS C, D-E,
					RE-DIM'D 3/4"-10 HOLES FROM DATUM C
A	GK			6/23/98	RELEASE FOR FABRICATION

STAR | WBS # 4.2.10 | Production Approval: Cognizant Engineer: R WELLS | STAR DRAWING NUMBER TPC800-E-1 | REV. A | RHIC DRAWING NUMBER REV.

UNLESS OTHERWISE SPECIFIED
TOLERANCES: X ± .1 FRAC. ±1/64; .XX ± .025 ANGLES ± 1°; .XXX ± .010 FINISH 125
THREADS ARE CLASS 2
CHAMFER ENDS OF ALL SCREW THREADS 30°, CUT 1.5 PITCH THRD RELIEF WITH ROUND NOSE TOOL ON MACHINE CUT THREADS.
BREAK EDGES .016 MAX. ON MACHINED WORK. REMOVE BURRS WELD SPLATTER & LOOSE SCALE
REFERENCES: ANSI Y14.5 & B46.1.

SHOP ORDERS
ACCT. NO. | SERIAL NO.
DATE ISSD | DATE REQD | NO REQD
DELIVER TO
SURFACE TREATMENT DEGREASE
IDENT. METH. TAG
DWG BY G. KOEHLER DATE 6-23-98
CHK BY R. WELLS DATE 6-23-98

REQD	ITEM	PART NO.	DESCRIPTION
			STEEL, A36, 2 3/4" THICK, LENGTH AS REQ.

LAWRENCE BERKELEY LABORATORY
UNIVERSITY OF CALIFORNIA-BERKELEY
RHIC - STAR - TPC
TPC ASSEMBLE & TEST
ROLL-IN BEAM - MAGNET

PATENT CLEAR PC | DWG. TYPE DETAIL | SHOWN ON | SCALE -10 | DO NOT SCALE PRINTS
MICROFILMED | DESIGN ACCT. NO 8052-30 | CATEGORY CODE SR 02 10 | DWG. NO. 24A3466 | SIZE B | REV.