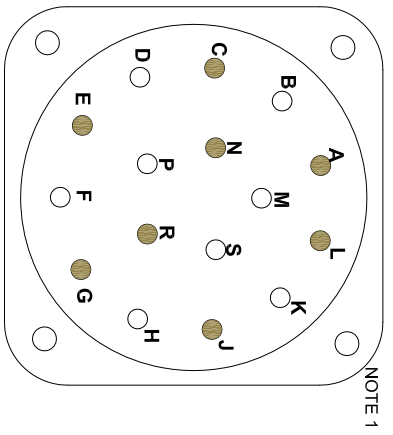
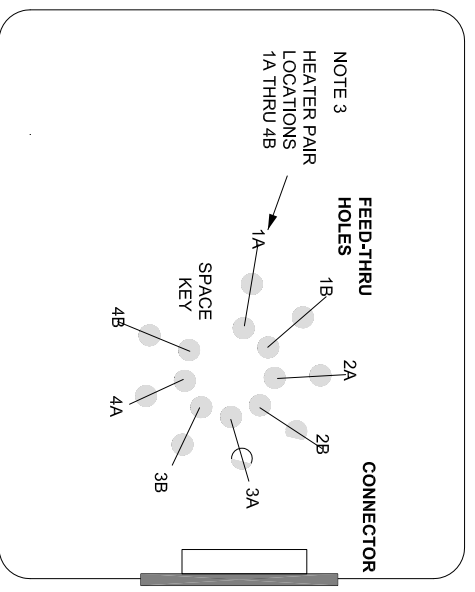
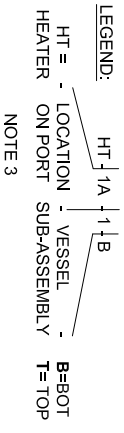


CONNECTOR ID#: HTR - J2

DESCRIPTION : V V-1-TOP, PORT 12 ELECTRIC HEATERS, FLANGE 15

CONNECTOR TERMINAL	SIGNAL PHASE	PIGTAIL COLOR	HEATER PR J-BOX ID	HEATER LOCATION	CONTROL DESIGNATION	NOTE 4
A	HOT	BLK	1A	VV-1-TOP	HT-1A-1-T	ACTIVE
B	RET	WHT				
C	HOT	BLK	1B	VV-1-TOP	HT-1B-1-T	(SPARE)
D	RET	WHT				
E	HOT	BLK	2A	VV-1-TOP	HT-2A-1-T	ACTIVE
F	RET	WHT				
G	HOT	BLK	2B	VV-1-TOP	HT-2B-1-T	(SPARE)
H	RET	WHT				
J	HOT	BLK	3A	VV-1-TOP	HT-3A-1-T	ACTIVE
K	RET	WHT				
L	HOT	BLK	3B	VV-1-TOP	HT-3B-1-T	(SPARE)
M	RET	WHT				
N	HOT	BLK	4A	VV-1-TOP	HT-4A-1-T	ACTIVE
P	RET	WHT				
R	HOT	BLK	4B	VV-1-TOP	HT-4B-1-T	(SPARE)
S	RET	WHT				



- NOTES:
- 1) BULKHEAD CONNECTOR - P102E20 - 16 P
  - 2) PHYSICAL REFERENCE DWG.: se 123-124, SH 2 OF 6 AND se 121-004
  - 3) HEATER PAIRS ARE LOCATED ON PORT WITH HEATER PAIR ID 1A INSTALLED ON PORT FURTHEST FROM VESSEL AND 4B CLOSEST TO VESSEL
  - 4) 1B, 2B, 3B, 4B HEATERS ARE DESIGNATED AS SPARES
  - 5) PIGTAIL SPLICE WIRE, #18 AWG, TFE, MIL SPEC: MIL-W-16878/5, 200C
  - 6) FEP SHRINK TUBING, SPC TECHNOLOGY, SERVICE TEMP 210 C, SHRINK RATIO 1.67:1, ASSORTED SIZES - 1/8" SST-008-6025-CLR, 3/16" SST-012-6025-CLR, 1/4" SST-016-6025-CLR.

REV	ECN #	DATE	BY	APPROVED	REV	ECN #	DATE	BY	APPROVED
					4				
					3				
					2				
6									
5									
REV	ECN #	DATE	BY	APPROVED	REV	ECN #	DATE	BY	APPROVED

COMPUTER GENERATED DRAWING NOT PERMITTED Rev. 6 - Versions 12.3	CENTRAL TILES UNLESS OTHERWISE DIMENSIONS ARE IN INCHES MACHINE SURFACES	TOLERANCES UNLESS OTHERWISE SPECIFIED	
DO NOT VERIFY INFORMATION BY SCALING DRAWING	BREAK SHARP EDGES ,0001250	DECIMAL INCH X 1.100 XX 3.300 XXX 5.005	FRACTIONS 0'-12" 12'-2" 17'-12" OVER 120" 1
SCALE =	SCALE =	DIV: FOM	DATE: 05/05/08
PRINCETON PLASMA PHYSICS LABORATORY PRINCETON UNIVERSITY NATIONAL COMPACT STELLERATOR EXPERIMENT HEATER FIELD J-BOX WIRING - DETAIL V V S A 1-TOP, PORT 12	ENG: G.LABIK DWN: R.GEBERHARDT	APPROVED	CADD FILE: Se 123-129
CHK: G.TCHILINGIRIAN	GT	CHK	SUPV
		JS	SHEET 2 OF 6
			REV 0