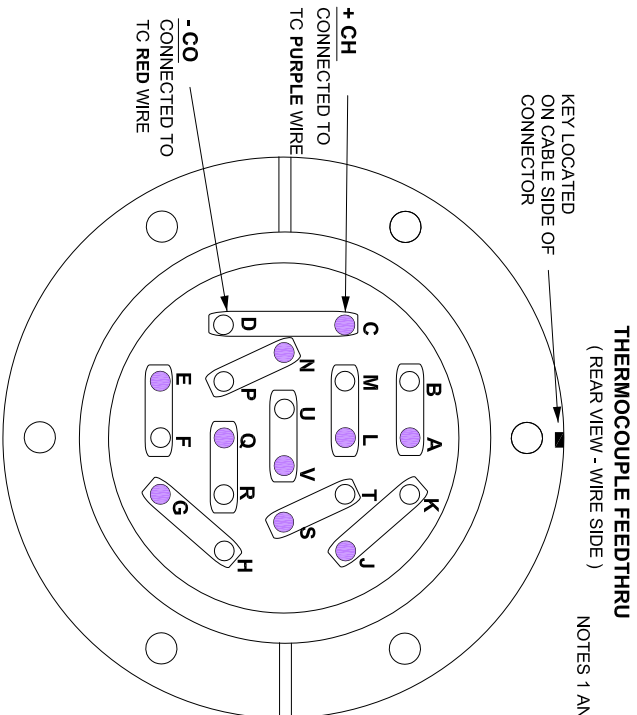


CONNECTOR ID#: TC-J2-(1, 2, 3) ← NOTE 6  
 DESCRIPTION : V V -BOT, PORT 12 THERMOCOUPLES, FLANGE 12

CONNECTOR TERMINAL	SIGNAL PHASE	TC WIRE TRACER COLOR	LOCATION DESCRIPTION	CONTROL TC IDENTIFIER	VESSEL SUB-ASSEMBLY
A	+ CH	PUR	NOTE 5	1	-1,-2 OR -3
B	- CO	RED	DWG: SET121 - .004		
C	+ CH	PUR		2	-1,-2 OR -3
D	- CO	RED			
E	+ CH	PUR		43	-1,-2 OR -3
F	- CO	RED			
G	+ CH	PUR		44	-1,-2 OR -3
H	- CO	RED			
J	+ CH	PUR		45	-1,-2 OR -3
K	- CO	RED			
L	+ CH	PUR		46	-1,-2 OR -3
M	- CO	RED			
N	+ CH	PUR		47	-1,-2 OR -3
P	- CO	RED			
Q	+ CH	PUR		48	-1,-2 OR -3
R	- CO	RED			
S	+ CH	PUR		49	-1,-2 OR -3
T	- CO	RED			
V	+ CH	PUR		50	-1,-2 OR -3
U	- CO	RED			

NOTE 6  
 VVSA NUMBER  
 (-1) = VVSA 1  
 (-2) = VVSA 2  
 (-3) = VVSA 3

- NOTES:  
 1) TYPE-E THERMOCOUPLE FEED THRU WITH MATING TYPE-E CABLE CONNECTOR;  
 INSULATOR SEAL - PN 9332024  
 2) CRIMP PUSH ON CONNECTORS;  
 INSULATOR SEAL - CHROMEL PN 9923013  
 3) PHYSICAL REFERENCE DWG.: SE 123-124, SHTS 1, 3 AND 5  
 4) THERMOCOUPLES ARE BROUGHT OUT ON FLANGES 7, 12 AND 16  
 5) THERMOCOUPLE LOCATION REFERENCE DWG.: SET121 - .004 APPLIES TO VVSA1, VVSA2, VVSA3.  
 6) COMMON CONTROL ID'S APPLIES TO ALL THREE VACUUM VESSEL SUB ASSEMBLIES WITH ID DASH NUMBER INDICATING THE VV SEGMENT (-1) = VVSA1, (-2) = VVSA2, (-3) = VVSA3



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

COMPUTER GENERATED DRAWING NOT PERMITTED Rev 6 - Wednesday 12/3	CENTRAL FILES	UNLESS OTHERWISE DIMENSIONS ARE IN INCHES MACHINE SURFACES	TOLERANCES NON-CUMULATIVE	SECTION - INCH X XX XXX ANGULAR ±.015°	FRACCTIONS 0'-12" 12'-2" 17'-12" OVER 120' ±	PRINCETON PLASMA PHYSICS LABORATORY PRINCETON UNIVERSITY NATIONAL COMPACT STELLATOR EXPERIMENT THERMOCOUPLE FEEDTHRU WIRING - DETAIL V V S A -BOT, PORT 12, FLANGE 12	DIV: FOM	DATE: 05/05/08	CADD FILE:
DO NOT VERIFY INFORMATION BY SCALING DRAWING	SCALE =	BREAK SHARP EDGES					ENG: GLABIK	APPROVED	se 123-128
RENT ASSEMBLY							DWN: RGERNHARDT	CHK: SUPV	SHEET 2 OF 6
							CHK: G.TCHILINGURIAN	GT	REV 0