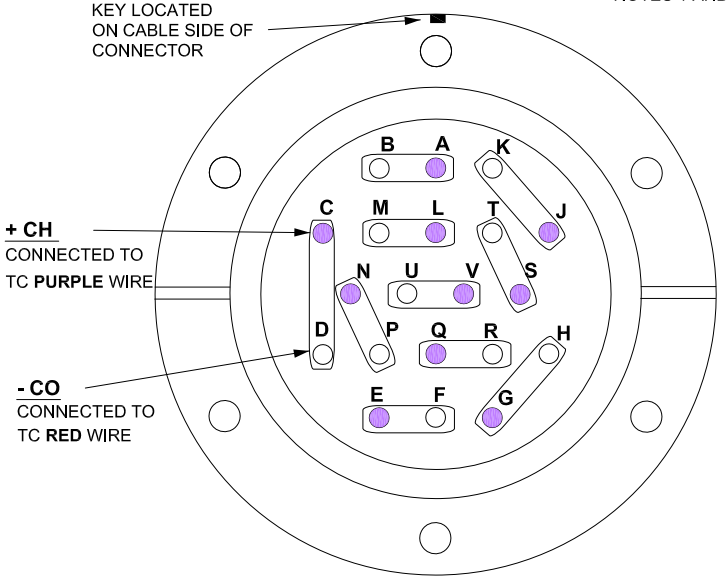
CONNECTOR ID# : TC- J3-(1, 2, 3) ← NOTE 6

DESCRIPTION : V V -BOT, PORT 12 THERMOCOUPLES, FLANGE 16

CONNECTOR TERMINAL	SIGNAL PHASE	TC WIRE TRACER COLOR	LOCATION DESCRIPTOR	CONTROL TC IDENTIFIER	VESSEL SUB-ASSEMBLY
			DWG.: SE121 - 004 NOTE 5		
A	+ CH	PUR		3	-1,-2 OR -3
B	- CO	RED			
C	+ CH	PUR		4	-1,-2 OR -3
D	- CO	RED			
E	+ CH	PUR		5	-1,-2 OR -3
F	- CO	RED			
G	+ CH	PUR		6	-1,-2 OR -3
H	- CO	RED			
J	+ CH	PUR		11	-1,-2 OR -3
K	- CO	RED			
L	+ CH	PUR		12	-1,-2 OR -3
M	- CO	RED			
N	+ CH	PUR		51	-1,-2 OR -3
P	- CO	RED			
Q	+ CH	PUR		52	-1,-2 OR -3
R	- CO	RED			
S	+ CH	PUR		55	-1,-2 OR -3
T	- CO	RED			
V	+ CH	PUR		56	-1,-2 OR -3
U	- CO	RED			

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

THERMOCOUPLE FEEDTHRU
(REAR VIEW - WIRE SIDE)
NOTES 1 AND 2



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 , CONSTANTAN _PN 9923017
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.: SE121 - 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

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

COMPUTER GENERATED DRAWING MANUAL CHANGES NOT PERMITTED Rev 6–Vectorworks 12.5	CENTRAL FILES:	PRINCETON PLASMA PHYSICS LABORATORY PRINCETON UNIVERSITY NATIONAL COMPACT STELLERATOR EXPERIMENT THERMOCOUPLE FEEDTHRU WIRING - DETAIL V V S A -BOT; PORT 12 ; FLANGE 16	
	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES MACHINE SURFACES 125		
DO NOT VERIFY INFORMATION BY SCALING DRAWING	BREAK SHARP EDGES .005/.020		
SCALE=	TOLERANCES NON-CUMULATIVE	DIV: FOM	DATE: 05/05/08 CADD FILE:
NEXT ASSEMBLY	DECIMAL - INCH: .X ±.100, .XX ±.030, .XXX ±.005, ANGULAR ±0 -15' / FRACTIONS: 0"-12" ±1/16, 12"-72" ±1/8, 72"-120" ±1/4, OVER 120" ± 1/2	ENG: G.LABIK	APPROVED se 123-128
		DWN: R.GERNHARDT	
		CHK: G.TCHILINGUIRIAN	CHK GT SUPV JS SHEET 3 OF 6 REV 0