

TI-5633 Cable Pinouts - Vickers - Inc / Halls Amphenol PT (19pin round)			
Line	Pin #	14 Pin TB Pin #	Conductor Color
+5V	A	1	RED
0V	B	2	BLK
A	G	3	BLU
A*	H	4	BLU/WHT
B	P	5	WHT
B*	N	6	WHT/BLK
Z	J	7	GRN
Z*	K	8	GRN/WHT
Line	Pin #	12 Pin TB Pin #	Conductor Color
U	L	7	RED/BLK
V	E	8	BLU/BLK
W	D	9	ORG
U*	M	10	RED/WHT
V*	F	11	GRN/BLK
W*	C	12	ORG/BLK
THERMAL	R	FREE	BLK/WHT
THERMAL	V	FREE	DRAIN

NOTE:

Start with 6' of 15 conductor shielded cable

PT end of Cable

1. Slide on rubber grommet
2. Strip off .75" of cover and remove foil
3. Slide strain relief and collar down over the grommet
4. Install the 14-19S connector
5. Thread collar and strain relief onto the connector, tighten clamp

TB end of cable

1. Strip off 6.5" of cover and remove clear plastic
2. Apply .75" of .25" heat shrink at end of cover
3. Tin drain and any FREE wires, cable tie them back to main cable
4. Route 6 wires for 12 pin TB back towards main cable
5. Install cable tie around 6 wires at heat shrink, trim tie to 5/16", install tie at pin J1-14
6. Cut wires of 14 pin TB to proper length, strip, install in 14 pin TB
7. Insert both TB's into the board at J1 and J2
8. Route remaining 6 wires through another cable tie, trim tie to 5/16", install at J2-1
9. Cut wires of 12 pin TB to proper length, strip and install in 12 pin TB
10. Tighten all unused terminals
11. Install identifying sticker on TB J1

Round Connector	
M/E P/N:	21133720
Manuf. P/N:	Amphenol PT06E-14-19S(SR)
Vendor P/N:	DK# PT06E-14-19S(SR)-ND
Terminal Block - 14pin	
M/E P/N:	21235114
Manuf. P/N:	PCD ELFT 14260
Terminal Block - 12pin	
M/E P/N:	21235112
Manuf. P/N:	PCD ELFT 12260

