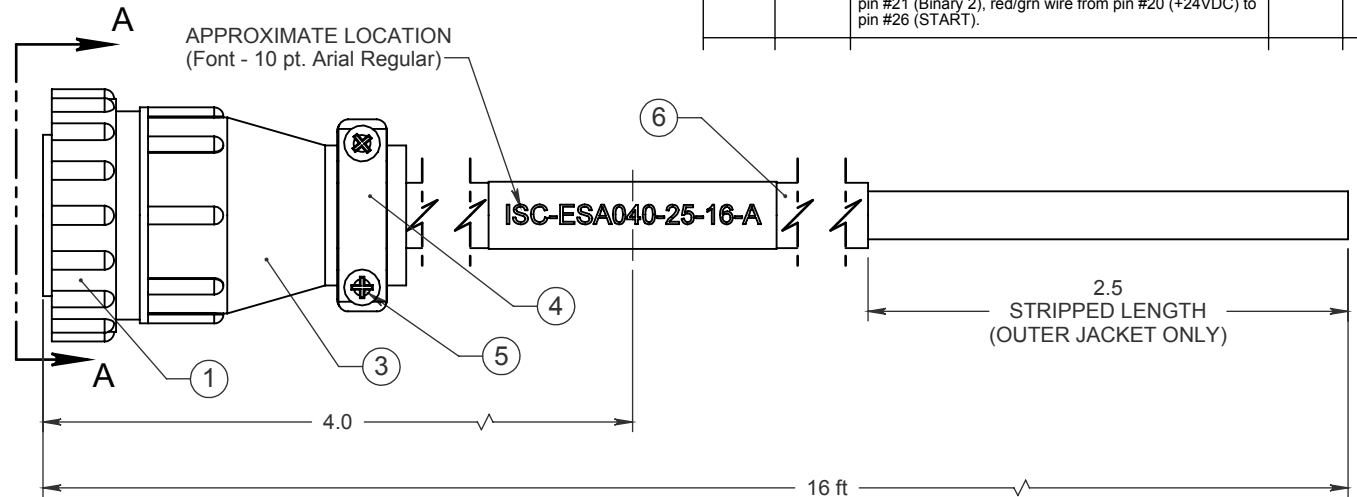


View A-A

A Isaac I/O Cable Pinout

Pin	Description	Wire Color
1	Busy	RED/WHT
2	Global PASS	BLK/WHT
3	Global FAIL	GREEN/BLK
4	CH1 FAIL	WHT/BLK
5	CH2 FAIL	ORG/BLK
6	CH3 FAIL	GRN/BLK/WHT
7	CH4 FAIL	BLUE/BLK
8	CH1 PASS	WHT/RED
9	GND	GREEN
10	CH2 PASS	ORG
11	CH3 PASS	RED/BLK
12	CH4 PASS	BLUE
13	TEST OVER	WHT/BLK/RED
14		
15	GND	BLK
16	Binary 7, (MSB)	BLK/WHT/RED
17		
18		
19	ABORT	ORG/GRN
20	+24VDC	RED
21	Binary 2	BLUE/RED
22	Binary 3	GREEN/WHT
23	Binary 4	BLK/RED
24	Binary 5	BLUE/WHT
25	Binary 6	ORG/RED
26	START	RED/GRN
27	ANTI-TIE	RED/BLK/WHT
28	Binary 1	WHT



		REVISIONS			
ITEM #	REV.	DESCRIPTION	DATE	APPROVED	
1	ORG	Originate and Release	6-20-13		
2	A	Changed cable from Consolidated P/N 5725-CL to Consolidated P/N 5737-CL. Made changes to cable pin-out: removed pin #14 (Common to pin #20). Moved the following wires; green wire from pin #6 (CH3 FAIL) to pin #9 (GND), black wire from pin #21 (Binary 2) to pin #15 (GND), red wire from pin #26 (START) to pin #20 (+24VDC), blk/wht/red wire from pin #15 (GND) to pin #16 (Binary 7), blue/red wire from pin #16 (Binary 7) to pin #21 (Binary 2), red/grn wire from pin #20 (+24VDC) to pin #26 (START).	6-25-13		

Notes: Unless Otherwise Specified

- Both Pins #9 and #15 must be connected to power supply ground.
- Do not exceed 50mA on outputs (PASS/FAIL/BUSY).
- Verify continuity before making connecting to leak tester. Do not rely on cable color code for connections.**

ITEM NO.	QTY.	PART NO. / Mfgr.	DESCRIPTION
1	1	206039-1 / Amp	28 ckt. Circular plastic plug.
2	25	66506-9 / Amp	Pin contact, 24-20 AWG.
3	1	206070-1 / Amp	Cable strain relief.
4	1	Shell 17 Cable clamp	Part of item #3.
5	2	4-24x50PPH_Hi-Lo	Part of item #3.
6	1	ISC-E048-	25 Multi-cond.cable, 22 AWG, P/N 5737-CL

DIMENSIONAL TOLERANCES:

FRACTIONAL: ± 1/32	MATERIAL
ANGULAR: ± 1°	N/A
.X ± .125	FINISH
.XX ± .063	N/A
.XXX ± .005	

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Multi-Channel I/O Cable, Isaac

NAME	DATE
DRAWN BY: C. Jensen	6-19-13
ENG APPR. <Engineer>	
MFG APPR. <Manufacturing>	
Q.A. <Q.A.>	



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SIZE A	DWG. NO. ISC-ESA040-25-16	REV. A
SCALE: 1:1		SHEET 1 OF 1