

ITEM NO.	MANUFACTURER	MFG PART #	DESCRIPTION	QTY.
1	Allied Wire & Cable	VPN00472	Allied part#: AWC PJ-234/9C, Specification: 2/14 AWG, 3/20 AWG, 7/26 AWG, PVC jackets, overall mylar foil shield, OD nom 0.330", 6ft length	1
2	Amphenol FCI	8655MH1501BLF	Small DSUB shell	1
3	Amphenol FCI	8655MH2501BLF	Large DSUB shell	1
4	Conec	3007W2SCM99A10X	Combination D-SUB, 7W2, Socket, Solder Cup, Through hole	1
5	Conec	3017W2SCM99A10X	Combination D-SUB, 17W2, Socket, Solder Cup, Through Hole	1
6	Conec	132C10029X	Combination D-SUB, Socket, Solder Cup	4

D

D

C

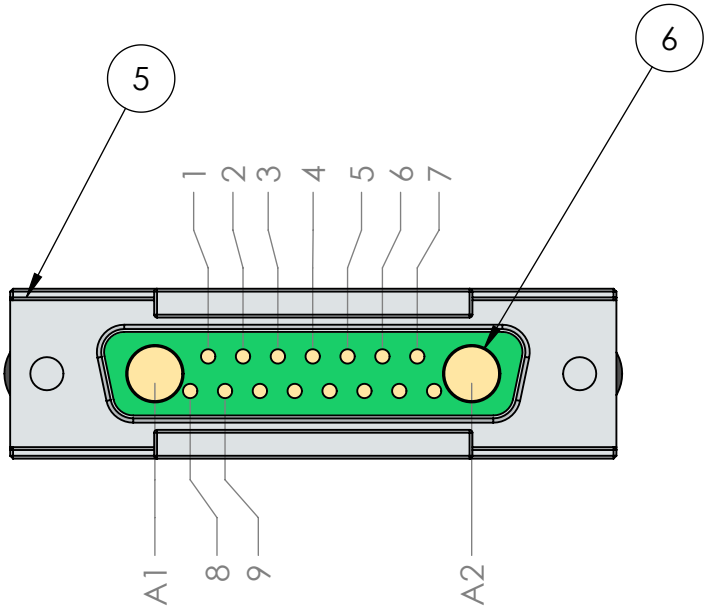
C

B

B

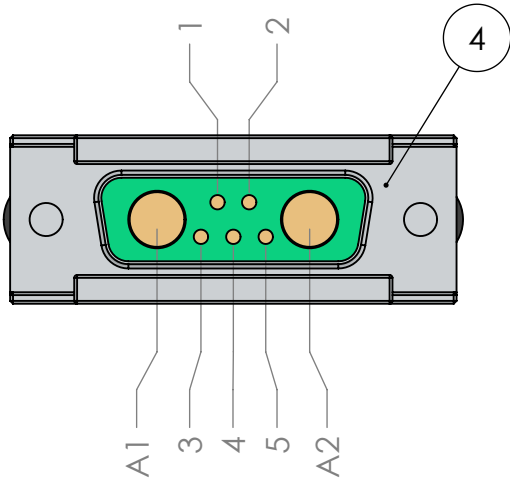
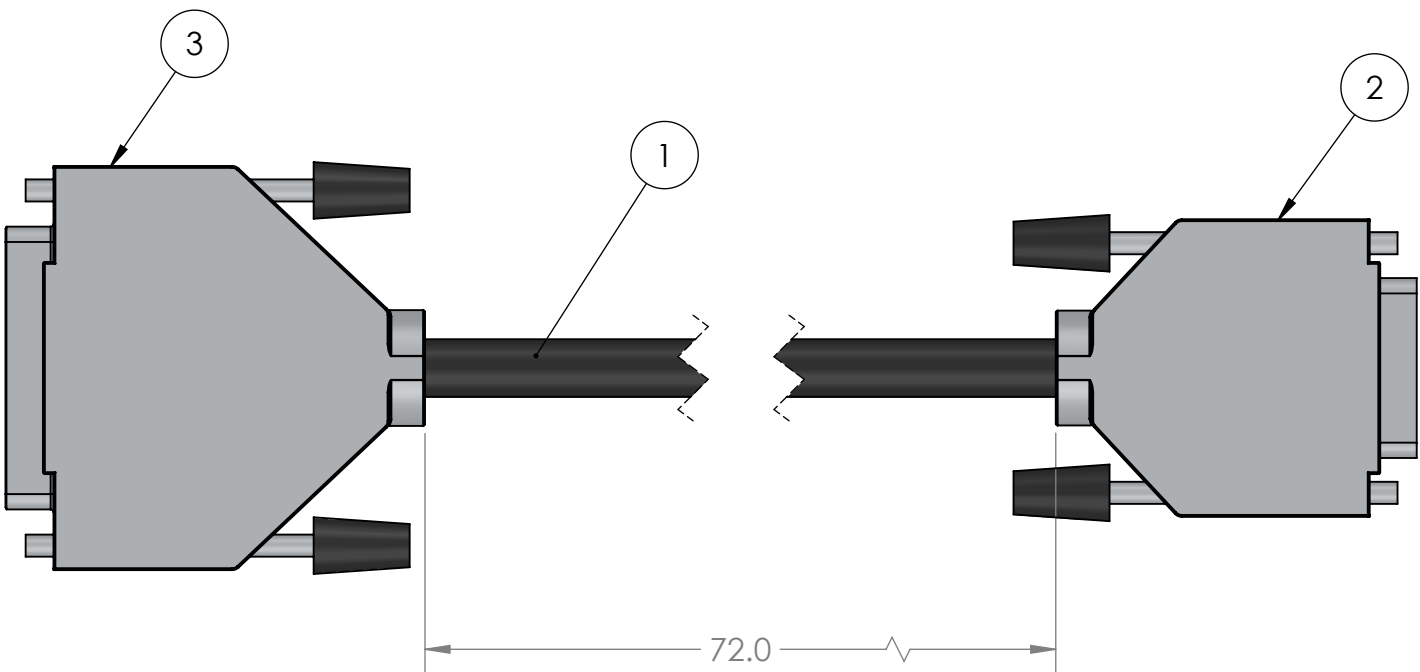
A

A



SCALE: 3:2  
SOLDER SIDE VIEW

PIN #	SIGNAL	AWG	COLOR
A1	5V	14	Black
A2	GND (5V Return)	14	White
1	V_Bootstrap	26	Gray
2	Remote Enable	26	Purple
3	+15V	20	Green
4	+15V_Sense	26	Blue
5	GND (+/-15V Return)	20	Red
6	-15V_Sense	26	Orange
7	-15V	20	Black
8	5V_Sense	26	Red
9	5V_Return_Sense	26	Yellow




SCALE: 3:2  
SOLDER SIDE VIEW

PIN #	SIGNAL	AWG	COLOR
1	V_Bootstrap	26	Gray
2	Remote Enable	26	Purple
3	+15V / +15V_Sense	20 / 26	Green / Blue
4	GND (+/-15V return)	20	Red
5	-15V / -15V_Sense	20 / 26	Black / Orange
A1	5V / 5V_Sense	14 / 26	Black / Red
A2	5V_Return / 5V_Return_Sense	14 / 26	White / Yellow

CABLE MANUFACTURER NOTES

- 1) ALL PIN #S ARE DERIVED DIRECTLY FROM MANUFACTURER DATA-SHEETS AND ARE NOT BEING REDEFINED BY THE VISUAL MODELS IN THIS DRAWING
- 2) ITEM NO. 1 IS A CUSTOM MADE CABLE WITH (3) DIFFERENT WIRE GUAGES
- 3) ITEM NO. 6 IS USED ON BOTH D-SUB CONNECTORS, TWICE EACH FOR A TOTAL OF (4)

PROPRIETARY AND CONFIDENTIAL  
THE INFORMATION CONTAINED IN THIS  
DRAWING IS THE SOLE PROPERTY OF  
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VESCENT PHOTONICS INC. IS PROHIBITED.

NAME		DATE					
DRAWN		Jason P.				10/23/2017	
UNLESS OTHERWISE SPECIFIED:							
DIMENSIONS ARE IN INCHES TOLERANCES: ONE PLACE DECIMAL: ±0.25"							
TITLE:				Power Cord for High Power ICE			
MATERIAL		N/A		SIZE	DWG. NO.	REV	
FINISH		N/A		B	VPN00474	1	
DO NOT SCALE DRAWING				SCALE: 1:1		WEIGHT:	SHEET 1 OF 1