



BOM

#	Description	P/N	Qty
1	Souriau Size 16 19POS Plug, Male	UT061619PH	1
2	Souriau Size 16 19POS Plug, Female	UT061619SH	1
3	Souriau Size 16 Backshell	UT016AC	2
4	Wire 22 AWG	MIL-W16878/4-BFE-X	AR
5	Alpha Braid 1/2"	2146	AR
6	FR Sleeve 1/2"	SP050CCFR-WT	AR
7	Brady cable Label	WML-511-292	2
8	Ring Terminal, 22AWG, Crimp	2-36153-3	2

Pinout

Colors	UT061619PH (P1)	to	UT06161SH (P2)
Pair 1- Red	A	ANA_Vin (6V)	A
Pair 1- Black	M	A_GND (Neutral)	M
Pair 2- Red	B	ANA_Vin (6V)	B
Pair 2- Black	N	A_GND (Neutral)	N
Pair 3- Red	C	ANA_Vin (6V)	C
Pair 3- Black	P	A_GND (Neutral)	P
Pair 4- Red	D	ANA_Vin (6V)	D
Pair 4- Black	R	A_GND (Neutral)	R
Pair 5- Red	E	ANA_Vin (6V)	E
Pair 5- Black	S	A_GND (Neutral)	S
Pair 6- Red	F	ANA_Vin (6V)	F
Pair 6- Black	G	D_GND (Neutral)	G
Pair 7- Red	H	TH2_1	H
Pair 7- Black	J	TH2_2	J
Pair 8- Red	K	TH1_1	K
Pair 8- Black	L	TH1_2	L
Pair 9- Red	V	Det_Bias (200V)	V
Pair 9- Black	U	Det_GND (Bias Neutral)	U
Green	Backshell	Shield	Backshell

Cable Labels

From
CA-261-807-90

SLAC U.S. DEPARTMENT OF ENERGY Office of Science

ENGR	DATE	APPROVALS
Kaz Nakahara	3/7/2018	_____
DRTS Stephen Cisneros	3/7/2018	_____
CHKD Scott T. Block	3/30/2023	_____

Epix10k2M Power Cable

CA-261-807-90-C00