

BILL OF MATERIALS						
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	LENGTH		
1	TICOR #TS0125-3	DB25 MALE CONNECTOR (J1) FOR UHV (METALIZED PEEK)	1			
2		DB25 CONNECTOR BACKSHELL FOR UHV (STAINLESS)				
3	TICOR #TS0094 WITH FLYING LEADS	u9D SOCKET (FEMALE) CONNECTOR (J2, J3, J4, J5) FOR UHV (PEEK)				
4		u9D CONNECTOR BACKSHELL FOR UHV (STAINLESS)	4			
(5)	CABLE INCLUDING COONER WIRE # CZ1105 + 6 + 7	6 COND. (3 TWISTED PAIR) CABLE (AND COPPER BRAID (SHIELD)6). AND PEEK OVERBRAID)7.	4	48in.*		
6	CONTINENTAL PART #24x3x40BC	COPPER BRAID - CONTINENTAL CORDAGE PART #24x3x40BC	4			
7	PART #6759	PEEK BRAID - PART #6759 MANUFACTURED WITH ZEUS 0.016" BLACK PEEK DRAWN MONOFILAMENT	4			
(8)	GLENAIR # 600-052 or BAND-IT # A10086	GLENAIR # 600-052 STANDARD BRAID CLAMP or BAND-IT PART # A10086 (0.240" WIDE) ("BAG OF 100" # A10089)	8			

7

8

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6

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ANGULAR ± °

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	1		
E	DCN #	DRAWING TREE #	

E

ASSEME	BLY CIRCUIT SUMMARY	
TO		
IN FEMALE	MICRO_D CONNECTOR (PEEK)	
	SIGNAL	
RAID	SHIELD	
	PHOTO DIODE CATHODE - (UL PD K) PHOTO DIODE ANODE + (UL PD A)	
	LED ANODE + (UL LED A) LED CATHODE - (UL LED K)	
	UL FN	
	UL ST	
CTED CTED	NOT CONNECTED NOT CONNECTED	
CTED	NOT CONNECTED	
ASSEME	BLY CIRCUIT SUMMARY	
TO)	
N FEMALE	MICRO_D CONNECTOR (PEEK)	
	SIGNAL	
RAID	SHIELD	
	PHOTO DIODE CATHODE - (LL PD K)	
	PHOTO DIODE ANODE + (LL PD A) LED ANODE + (LL LED A)	
	LED CATHODE - (LL LED K) LL FN	
	LL ST	
CTED CTED	NOT CONNECTED NOT CONNECTED	
CTED	NOT CONNECTED	
ASSEME	BLY CIRCUIT SUMMARY	
TC		
IN FEMALE	MICRO_D CONNECTOR (PEEK)	
E	SIGNAL	
RAID	SHIELD	
	PHOTO DIODE CATHODE - (UR PD K) PHOTO DIODE ANODE + (UR PD A)	
	LED ANODE + (UR LED A)	
	LED CATHODE - (UR LED K) UR FN	
	UR ST	
CTED CTED	NOT CONNECTED NOT CONNECTED	
CTED	NOT CONNECTED	
ASSEME	BLY CIRCUIT SUMMARY	
TC		
IN FEMALE	MICRO_D CONNECTOR (PEEK)	
	SIGNAL	
RAID	SHIELD	
	PHOTO DIODE CATHODE - (LR PD K) PHOTO DIODE ANODE + (LR PD A)	
	LED ANODE + (LR LED A) LED CATHODE - (LR LED K)	
	LR FN	
	LR ST	
CTED		
CTED	NOT CONNECTED NOT CONNECTED	

PROJECTION:

SCALE: 2:1

2

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