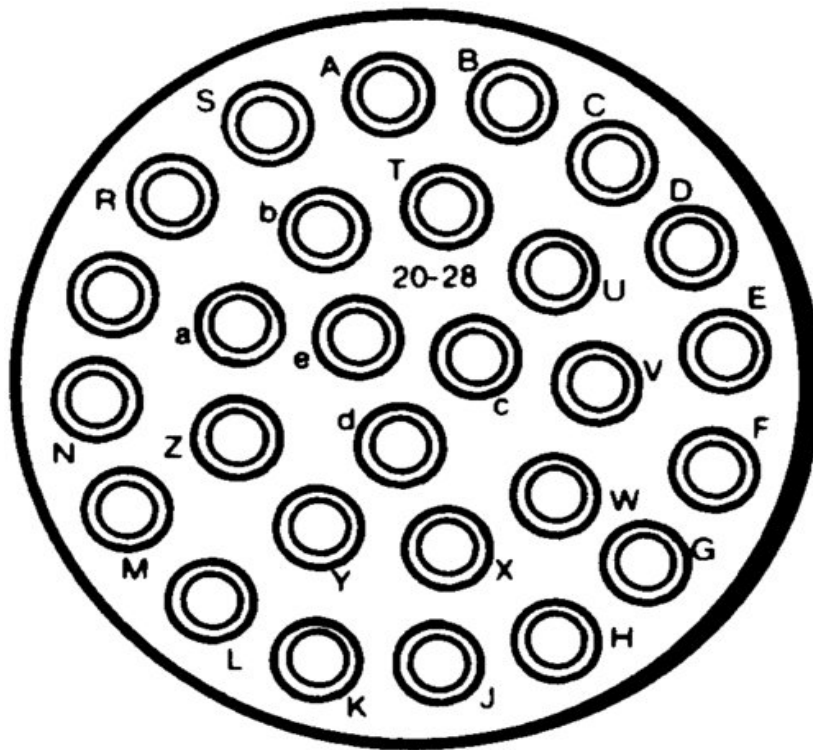


Rim Wiring Schedule
2/13/2006

RP1	Cable from Rim box to PAC (PAX Case)							
	A,B	Description		Size	Color	Twist		Comment
	A	TEC power		#18		Z		
	B	TEC power		#18		Z		
	C	GND		#22				
	D	N/C		--				
	E	dewar diode 1		#22		Y		
	F	dewar diode 2		#22		Y		
	G	N/C		--				
	H	N/C		--				
	J	N/C		--				
	K	compressor power		#14 (#16?)		X		
	L	compressor power		#14 (#16?)		X		
	M	GND		#22				
	N	N/C		--				
	--	cooler therm 1		#22		W		
	R	cooler therm 2		#22		W		
	S	GND		#22				
	T	PAX therm 1		#22		V		
	U	PAX therm 2		#22		V		
	V	GND		#22		T		
	W	+sense		#22		T		
	X	-sense		#22		S		
	Y	-6V		#22		U		
	Z	-6V		#22		U		
	a	GND		#22				
	b	GND		#22				
	c	+6V		#22		R		
	d	GND		#22		S		
	e	+6V		#22		R		
	A	UTG620-28SN						
	B	UTG620-28SN						
RW1	Cable to inside connector for RW0							
	A	Description	B,C,D,E,F,G	Size	Color	Twist	Length	Comment
	A	TEC power		#18				
	B	TEC power		#18				
	C	GND		#22				
	D	N/C		--				
	E	dewar diode 1		#22				
	F	dewar diode 2		#22				
	G	N/C		--				
	H	N/C		--				
	J	N/C		--				
	K	compressor power		#14 (#16?)				
	L	compressor power		#14 (#16?)				
	M	GND		#22				
	N	N/C		--				
	--	cooler therm 1		#22				
	R	cooler therm 2		#22				

	S	GND		#22				
	T	PAX therm 1		#22				
	U	PAX therm 2		#22				
	V	GND		#22				
	W	+sense		#22				
	X	-sense		#22				
	Y	-6V		#22				
	Z	-6V		#22				
	a	GND		#22				
	b	GND		#22				
	c	+6V		#22				
	d	GND		#22				
	e	+6V		#22				
	A	UTG620-28SN						
	B							
	C							
	D							
	E							
	F							
	G							
RW2	24V from power supply to STI supply							
	A, B	Description		Size	Color	Twist	Length	Comment
		1						
		2						
	A	Tyco 1-480698(newark 46F2063) with 2 contacts Tyco 350550-2(Newark 90F5656)						
	B	Tyco 1-480698(newark 46F2063) with 2 contacts Tyco 350550-2(Newark 90F5656)						
RW3	serial from STI to ucnlrlr							
	A,B	Description		Size	Color	Twist	Length	Comment
		1						
		2						
		3						
	A							
	B							
RW4	from TEC to ucnlrlr							
	A	Description	B	Size	Color	Twist	Length	Comment
	A							
	B							
RW5	24V from power supply to TEC board							
	A	Description	B	Size	Color	Twist	Length	
RW6	connection from power mgmt board to control board							
	A	Description	B	Size	Color	Twist	Length	

RF1	Cable from rim to feed focus drive						
	A	Description	B	Size	Color	Twist	Length
		1					
		2					
		3					
		4					
		5					



UTG620-28SN