

ISUAL MASTER CONNECTOR LIST

8458-X7 Rev 1  
2000-04-26 C.A. Ingraham

Ref Des	J side Connector Part No.	Mating Connector Part No.	Location	Function	ETU Unit	Flight Unit	Bread Boards	Test Harness	Spares
J1	SND9M5000G	SND9F1000G	AEP LVPS Board	Power to ISUAL from the DRU	F	F	E	E	F
J2	SDD15M4000G	SDD15F1000G	AEP DPU Board	AEP Data Int'f to OBMU	F	F	E	E	F
J3	SND15F5000G	SND15M1000G	AEP DPU Board	High Voltage Disable Connector	F	F	E	E	F
J4	SDD62F4000G	SDD62M1000G	AEP PC Board	Power to ICCD, SP, AP	F E	F F	E	E	F F
J5	SDD62M4000G	SDD62F1000G	AEP DPU Board	Monitors from ICCD, SP, AP	F E	F F	E	E	F F
J6	SDD44M4000G	SDD44F1000G	AEP CIC Board	Connections to FEC	F E	F F	E	E	F F
J7	SND15M5000G	SND15F1000G	AEP DPU Board	Int'f Test Monitor	F	F F	E	E	F F
J8	SDD26F4000G	SDD26M1000G							
J9	SND9F5000G	SND9M1000G	SP 123 HVPS	HVPS Pwr & Monitors	F E	F F	E	E	F F
J10	SND9F5000G	SDD26F1000G	SP 456 HVPS	HVPS Pwr & Monitors	E E	F F	E	E	F F
J11	SND9F5000G	SND9M1000G	ICCD Phosphor HVPS	HVPS Pwr & Monitors	F E	F F	E	E	F F
J12	SND9F5000G	SND9M1000G	ICCD MCP HVPS	HVPS Pwr & Monitors	F E	F F	E	E	F F
J13	SDD26F1000G	SDD26M1000G		WIC Front Cover Monitors & Actuator	E	F F	E	E	F F
J14	SDD44F1000G	SDD44M1000G	FEC	FEC connection to AEP	E E	F F	E	E	F F
J15	SDD26M1000G	SDD26F1000G	Interconnect Bracket	SI Heaters & Monitors	F E	F F	E	E	F F
J16A	SDD15F4000G	SDD15M1000G		Pre-Amp Power	F E	F F	E	E	F F
J16B	SDD15F4000G	SDD15M1000G		Pre-Amp Power	F E	F F	E	E	F F
J17A	SND9F5000G	SND9M1000G			F E	F F	E	E	F F
J17B	SND9F5000G	SND9M1000G			F E	F F	E	E	F F
J18	KA62/127CPV8FCTA	KA62/127CEV7MRTA	AEP DPU Board	Processor Test Connector	F	F	E	3E	F
J19	MDM-9PH003B	MDM-9SH003B	AEP xxx Board	xxx Test Connector	5E	2F	4E	4E	2F
J20					F E	F F		10E	F F
J21					F E	F F			F F
J22					F E	F F			F F
J23					F E	F F			F F
J24					F E	F F			2F F
J25					F E	F F			2F F
J26									
J27									
J28									
J29									
J30									
J31									
J32									
J33									
J34									
J35									
J36									
J37									
J50	KS135/127FEFD4TAH	None	In AEP on LVPS Board	AEP Internal Backplane	F	F	F	2F	F
J51	KS135/127FEFD4TAH	None	In AEP on PC Board	AEP Internal Backplane	F	F	F	2F	F
J52	KS135/127FEFD4TAH	None	In AEP on DPU Board	AEP Internal Backplane	F	F	F	2F	F
J53	KS135/127FEFD4TAH	None	In AEP on MM Board	AEP Internal Backplane	F	F	F	2F	F
J54	KS135/127FEFD4TAH	None	In AEP on CIC Board	AEP Internal Backplane	F	F	F	2F	F
J55	KS135/127FEFD4TAH	None	In AEP on PI Board	AEP Internal Backplane	F	F	F	2F	F
J56	KS135/127FEFD4TAH	None			F	F	F	2F	F
J57	SND9M1000	SND9F1000	Access Plate on Side of WIC	Instr Harness to WIC Htr, Therm, Ion Rep	F	F	F	2F	F
J58	JF2P-2SAB	JF2S-2PAB	Inside WIC Access Plate	WIC Detector Heater & Thermistor	F	F	F	2F	F
J59	JF1P-1SB	JF1S-1PB	Inside WIC Access Plate	WIC Ion Repeller Bias	F	F	F	2F	F
J60	JF1P-1SB	JF1S-1PB	Inside SI Unit	SI Baseplate Temp Monitor	F F	F F		F F	F F
J61	JF1P-1SB	JF1S-1PB	On SI Grating	SI Grating Temp Mon	F F	F F		F F	F F
J62	JF1P-1SB	JF1S-1PB	On SI Collimator	Si Collimator Temp Mon	F F	F F		F F	F F
J63	JF2P-2SAC	JF2S-2PAC			F F	F F		F F	F F
J64	JF2P-2SCD	JF2S-2PCD			F	F	F	2F	F
J65	JF2S-2PAC	JF2P-2SAC			F F	F F		F F	F F
J66	JF2S-2PCD	JF2P-2SCD			F F	F F		F F	F F
J67	JF3S-1PACD	JF2P	On UCB Supplied Bracket	Grating Bakeout Htr (RER60)	F F	F F		F F	F F
		JF1P-1SB	On UCB Supplied Bracket	Grating Thermal Balance Htr (Minco)	F	F	F	F	F
J68	JF3S-1PABC	JF2P	On UCB Supplied Bracket	Collimator Bakeout Htr (RER60)	F F	F F		F F	F F
		JF1P-1SA	On UCB Supplied Bracket	Collimator Thermal Balance Htr (Minco)	F	F	F	F	F
J69	JF2S	JF2P	On UCB Supplied Bracket	Chassis Mounted Survival Htr (Minco)	F F	F F		F F	F F
J70	JF2S	JF2P	On UCB Supplied Bracket	Chassis Mounted Survival Htr (3ea Minco)	F F	F F		F F	F F
J71	Not Used								
J72	JF1S-1PB	JF1P-1SB	On UCB Supplied Bracket	To Ion Repeller Grid	F F	F F		F F	F F
J80	JF3S-1PACD	JF2P	Inside WIC Access Plate	WIC Baffle Heater	F				
		JF1S-1PB	Inside WIC Access Plate	WIC Secondary Mirror Thermistor	F				
J81	JF2S-2PCD	JF2P-2SCD	On LVPS Base Plate	To Add-on EMI Filter Assembly	F F	F F			
J82									
J83									
J84									
J90					E E	F F		10E 10E	F F
J91					E E	F F			F F
J92					E E	F F			F F