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APPLICATION		REVISION HISTORY					
NEXT ASSY	USED ON	PART NO.	ZONE	REV	DESCRIPTION	DATE	APPROVAL
	GSE			A	REVISED AND REDRAWN SH 2&3. REDRAWN NO CHANGE SH 1.	2013/02/09	J. SHAVER

-- EAR 99 -- NO LICENSE REQUIRED --

THE INFORMATION CONTAINED IN THE DOCUMENT IS TECHNICAL IN CONTENT, BUT NOT TECHNICAL DATA AS DEFINED BY THE INTERNATIONAL TRAFFIC IN ARMS REGULATIONS (ITAR) OR THE EXPORT ADMINISTRATION REGULATIONS (EAR), AND THEREFORE IS EAR 99 NLR, NO EXPORT LICENSE REQUIRED, SUITABLE FOR PUBLIC RELEASE. [GENERAL PROHIBITION SIX (EMBARGO) APPLIES TO ALL ITEMS SUBJECT TO THE EAR, I.E., ITEMS ON THE CCL AND WITHIN EAR 99 NLR. YOU MAY NOT MAKE AN EXPORT OR RE-EXPORT CONTRARY TO THE PROVISIONS OF PART 746 (EMBARGOS AND OTHER SPECIAL CONTROLS) OF THE EAR AND 22 CFR PART 126.1 OF THE ITAR.]

REFERENCE EDDR # 128774: NASA KSC EXPORT CONTROL OFFICE (321-867-9209)

DWG NO 120E1300053 | SHEET 1 | REV A

CAD MAINTAINED. CHANGES SHALL BE INCORPORATED ONLY BY THE DESIGN ACTIVITY

SOFTWARE: AUTOCAD ELECTRICAL

FILENAME: 120E1300053-A001

MATERIAL:

HEAT TREATMENT:

FINAL PROTECTIVE FINISH:

ORIGINAL DATE OF DRAWING: 2013/01/18

DRAFTSMAN: H.A. ROBERTSON | CHECKER: C. MANUEL

ENGINEER: D. S. PARKER | CHECKER:

ENGINEER: J. JONES | STRESS: N/A

ENGINEER: K. HOSTERMAN

SUBMITTED: M. LUNCEFORD

APPROVED: J. SHAVER

JOHN F. KENNEDY SPACE CENTER, NASA
KENNEDY SPACE CENTER, FLORIDA

CABLE HARNESS SUBASSEMBLY

5X 2(1PTSI#22)

805-004-07NF11-19SA-501 / PIGTAIL

SIZE	CAGE CODE	DWG NO	REV
A	22264	120E1300053	A

SCALE	UNIT WEIGHT	SHEET	OF
NONE		1	3

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120E1300053, A.3, RELEASED, Verify Latest Revision in KDDMS

CONTINUATION SHEET

FABRICATE PER THIS DRAWING AND THE FOLLOWING INSTRUCTIONS OF 120E3100003

1 X	5	9	13 A-1
2 X	6	10 X	14
3 X	7	11	15
4	8	12	16

AUTHORIZED SUBSTITUTIONS: _____

REVISIONS

SYM	DESCRIPTION	DATE	APPROVAL
A	REVISED AND REDRAWN 1. REVISED FLAG NOTE 2. 2. REVISED NOTES TITLE.	2013/02/09	J. SHAVER

BENCH STOCK MATERIALS

(See general requirements of 120E3100003)

	SOLDER SEE NASA-STD-8739.3
	WIRE, B, 19 STRAND, MIL-DTL-16878/1
	TAPE, POLYESTER, TYPE 1, L-T-1008, 1 IN.
	EPOXY (SEE INSTRUCTION 6)
	POLYURETHANE (SEE INSTRUCTION 7)
A	MARKER TAPE (SEE INSTRUCTION 13)
X	TUBING, VINYL, AMS-DTL-23053/5

NOTES:

1A USE THIS PART NUMBER TO ORDER SPARE CONTACT SOCKETS IF REQUIRED.

1B MAY SUBSTITUTE WITH THE FOLLOWING AMPHENOL PART NUMBERS:
F/N 2 - 2M805-004-07NF11-19SA
F/N 3 - 2M370MS037-NF09-0610
F/N 4 - 2M809-002
F/N 5 - 2M667-262-NF11

1C INSERT SOCKETS INTO UNUSED CONTACT CAVITIES.

1D TERMINATE SHIELDS ON END 'B' AT TIME OF INSTALLATION PER FAB INSTRUCTION 10.

1E MAY SUBSTITUTE WITH ENGINEERING APPROVED EQUAL.

SEE SHEET 3 FOR WIRING SCHEMATIC

FIND NO.	DESCRIPTION	PART NUMBER	MFR. CODE	NO. REQD	STOCK SIZE	MATL. SPEC	SPL NOTES
5	CAP, METAL	667-262-NF-N11	06324	1 A	#11	1B	GLENAIR
4	CONTACT, SOCKET	809-002 1A	06324	A	#23	1B	GLENAIR
3	BACKSHELL	370MS037-NF09-0610	06324	1 A	#11	1B	GLENAIR
2	CONNECTOR, RECPT	805-004-07NF11-19SA-501	06324	1 A	#11	1B	19 #23 SOCKET
1	CABLE	88761	16428	1 5	2(1PTSI#22)	1E	BELDEN

LIST OF MATERIALS

SIZE	CAGE CODE	DWG NO	REV
A	22264	120E1300053	A
SCALE NONE		UNIT WEIGHT	SHEET 2 OF

DWG NO 120E1300053 SHEET 2 REV A

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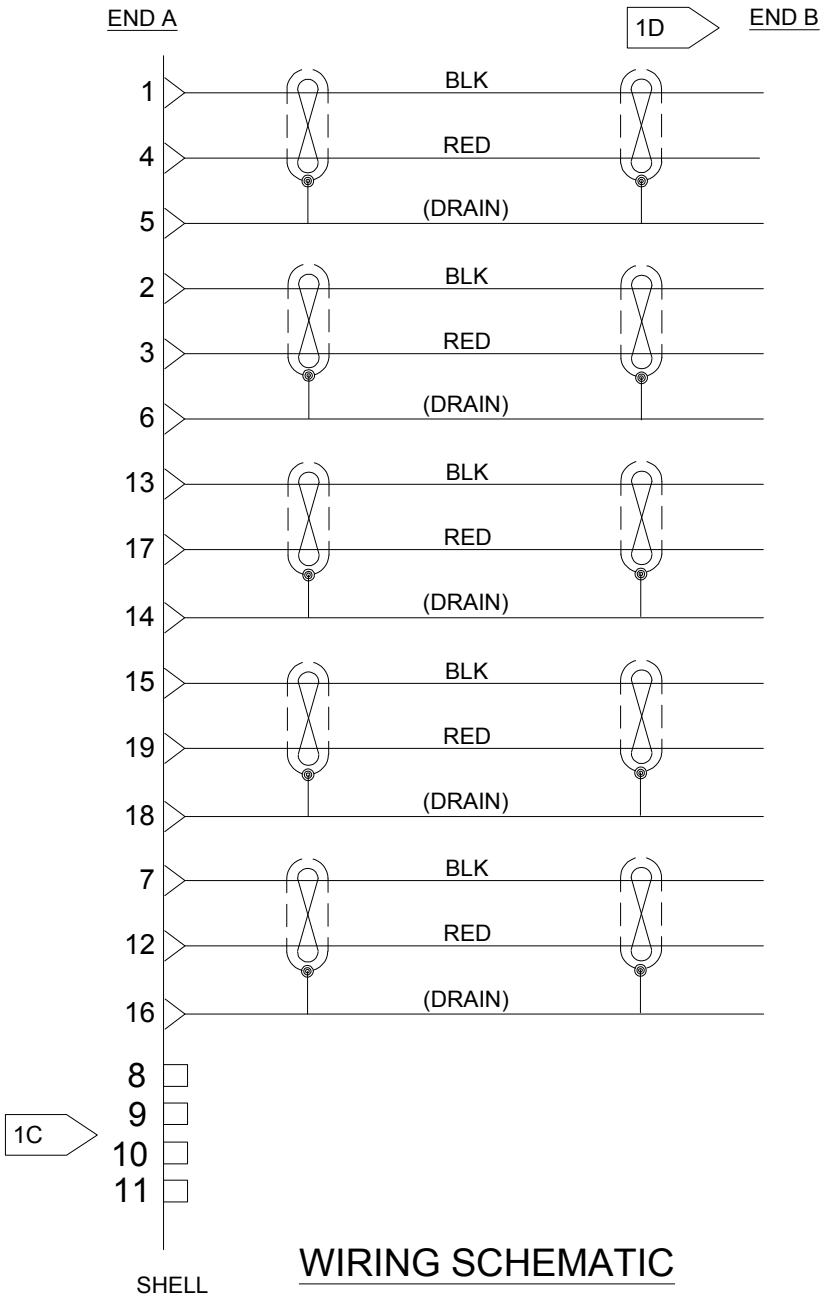
REVISIONS			
SYM	DESCRIPTION	DATE	APPROVAL
A	REVISED AND REDRAWN 1. ADDED WIRE COLOR CODES.	2013/02/09	J. SHAVER



WIRING SCHEMATIC

SIZE	CAGE CODE	DWG NO	REV
A	22264	120E1300053	A
SCALE		UNIT WEIGHT	SHEET 3 OF 3
NONE			

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