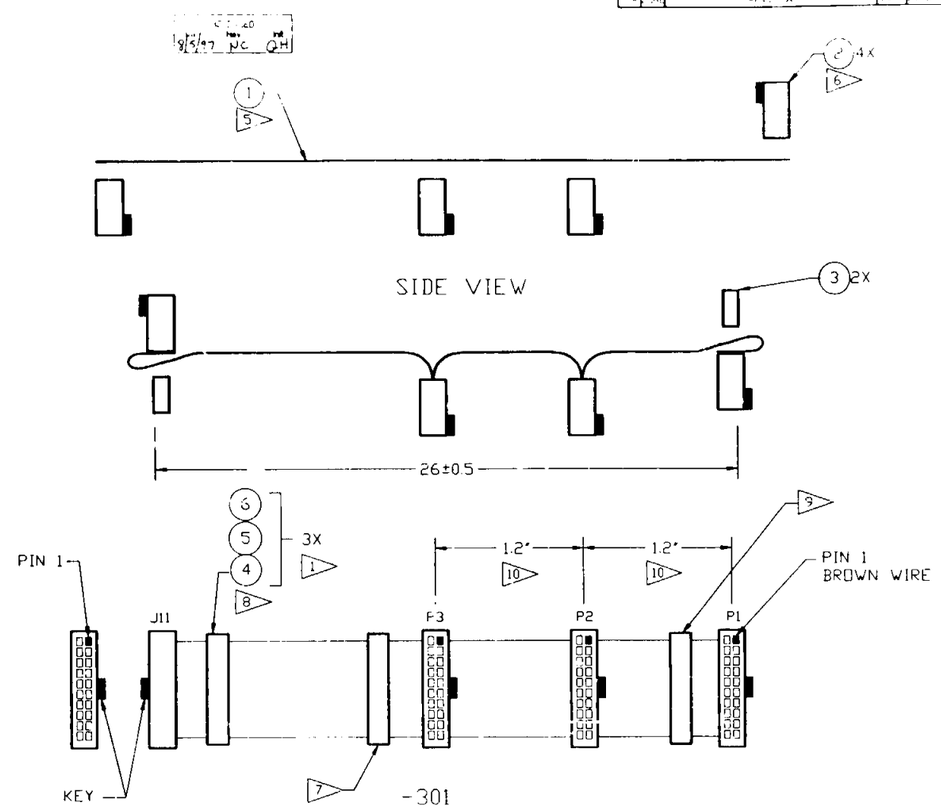
FUNCTION	FROM		TO					
RESET	J11	1	P3	1	P2	1	P1	1
GND		2		2		2		2
DATA 7		3		3		3		3
DATA 8		4		4		4		4
DATA 6		5		5		5		5
DATA 9		6		6		6		6
DATA 5		7		7		7		7
DATA 10		8		8		8		8
DATA 4		9		9		9		9
DATA 11		10		10		10		10
DATA 3		11		11		11		11
DATA 12		12		12		12		12
DATA 2		13		13		13		13
DATA 13		14		14		14		14
DATA 1		15		15		15		15
DATA 14		16		16		16		16
DATA 0		17		17		17		17
DATA 15		18		18		18		18
GND		19		19		19		19
NC		20		20		20		20
DRQ 0		21		21		21		21
GND		22		22		22		22
IOW		23		23		23		23
GND		24		24		24		24
IOR		25		25		25		25
GND		26		26		26		26
IOCHRDY		27		27		27		27
+5V		28		28		28		28
DACK 0		29		29		29		29
GND		30		30		30		30
IRQ 14		31		31		31		31
IOCS 16		32		32		32		32
ADD 1		33		33		33		33
GND		34		34		34		34
ADD 0		35		35		35		35
ADD 2		36		36		36		36
CS 1P		37		37		37		37
CS 3P		38		38		38		38
IDEACTP		39		39		39		39
GND	J11	40	P3	40	P2	40	P1	40



12> DIGIKEY PART NO. ASSU40-ND IS EQUIVALENT.

11> DIGIKEY PART NO. AKC40A-ND IS EQUIVALENT.

10> CENTER-TO-CENTER SPACING OF 1.2 INCHES ±.25.

9> MARK LABEL "P1."

8> MARK LABEL "J11."

7> MARK LABEL "SEG38115006-301 GSE HDD CABLE."

6> ASSEMBLE THIS CONNECTOR FIRST AND APPLY STRAIN RELIEF.

5> REMOVE THE EXTRA 20 CONDUCTORS. USE BROWN WIRE AT PIN #1.

4> BRADY CO., MILWAUKEE, WI.

3> AMP INC, HARRISBURG, PA.

2> 3M COMPANY, ST. PAUL, MN.

1> TYPE LABEL IDENTIFICATION AS SHOWN USING BRADY MARKER XC PLUS PRINTER AND (ITEM 4) ROLL FILM FOR CABLE MARKING AT THE DESIRED LOCATION. WRAP CABLE 2-3 TIMES WITH (ITEM 6) GLASS CLOTH TAPE. PLACE (ITEM 4) ROLL FILM ON (ITEM 6) GLASS CLOTH TAPE WITH MARKING SHOWING, AND WRAP TWICE WITH (ITEM 5) CLEAR TAPE. CUT OFF ANY EXCESS MATERIAL.

NOTES:

13> 3M COMPANY, AUSTIN, TX.

7. LABEL PER LS-60035.
6. FABRICATE PER JPL DAPB 77001 REV. A.
5. ORIENTATION OF CONNECTOR KEYS MUST BE AS SHOWN.
4. THIS ASSEMBLY CONTAINS NO FRACTURE CRITICAL ELEMENTS.
3. CLEANLESS REQUIREMENTS PER SN-C-0005 LEVEL GC.
2. ALL DIMENSIONS ARE IN INCHES
1. INTERPRET PER JSCM 8500.

NOTES: UNLESS OTHERWISE SPECIFIED

-301	PART NUMBER	DESCRIPTION	MATERIAL	SPECIFICATION	ITEM
AR	361-1 1/2	CLASS CLOTH TAPE		2>	6
AR	800-1 1/2	TAPE, CLEAR	TEFLON	2>	5
AR	WRCM-717-637W	CABLE MARKER	TEDLAR ROLL FILM	4>	4
2	111564-1	STRAIN RELIEF	PBT/BeCu	3> 13>	3
4	111633-9	CONNECTOR	PBT/BeCu	3> 11>	2
27"	3302/60	FLAT RIBBON CABLE, 26 GA	PVC	13>	1
-	-301	HDD GSE CABLE ASSY			

DIMENSIONAL TOLERANCE (UNLESS NOTED OTHERWISE) .0 ± .000 .00 ± .03 ANGULAR ± 0

SURFACE FINISH IN MICROINCHES RMS UNLESS NOTED OTHERWISE ✓

NEXT ASSY N/A

EQUIP TYPE
☐ FLIGHT
☐ OTHER
☒ APPLICABLE GSE

SIGNATURES		DATE
DR	C. SHANNON	6/11/07
ENG		7/11/97
CH		7-9-97
APP		7/29/97
QE	SOE	7/29/97
MATL		7/29/97
STRESS		7/29/97
AUTH		7/29/97

NATIONAL AERONAUTICS & SPACE ADMINISTRATION
LYNDON B. JOHNSON SPACE CENTER HOUSTON, TEXAS

HARD DISK DRIVE GSE CABLE - VEG

TYPE | CLIENT NO. | SIZE | DWG NO.
21356 | D | SEG38115006

SCALE NONE | DATE | SHEET

CALC WT
HDD FILE
DRW FILE F115006.dwg

302