



# First Article Inspection Report

First Submittal  Second Submittal

Revision Change

Internal Only

Other

Customer: ALEPH OBJECTS, INC. Part Number: EL-HR0149 Rev: D Description: CB Y-Z HARNESS, ASSEMBLED Shop Order #: 114652

Built By: AN Tested By: AN VR / FN Inspector: *[Signature]* Quality Engineer: *[Signature]* Quantity: 1 Marking Required?  UL  CUR  No  X Form Type: N/A

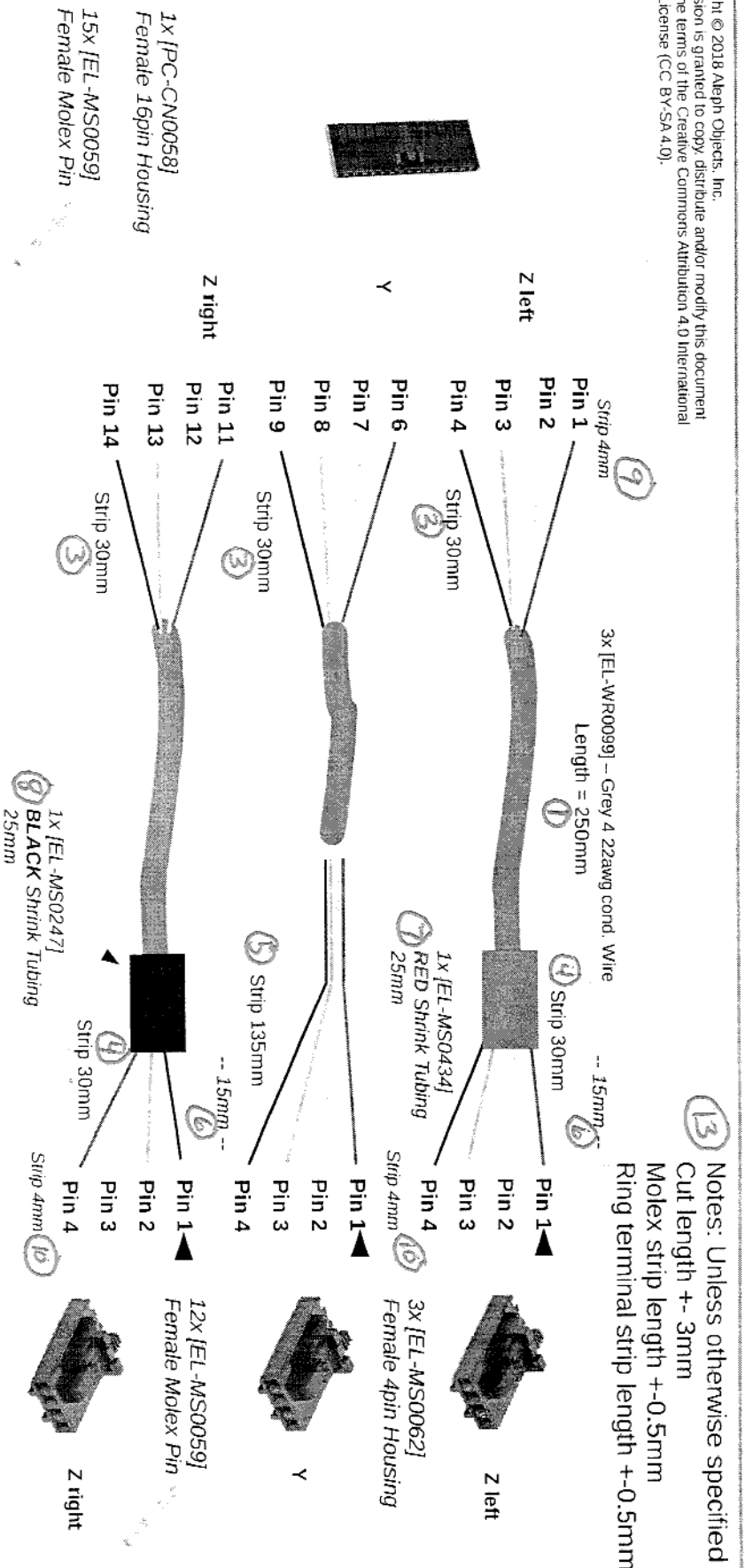
Item	Zone	Dimension or Attribute	+/- Tol.	Results	+/- Nom.	M.O.I.	Comments
1		250mm (x3)	+/-3mm	250mm - 252mm	0 - +2mm	SCALE	CUT LENGTH; REF DIMENSION I/S CONN TO I/S CONN= 237mm
2		155mm (x3)	+/-3mm	154mm - 155mm	-1mm - 0	SCALE	CUT LENGTH; REF DIMENSION I/S CONN TO I/S RING TERMINAL = 144mm
3		30mm	+/-3mm	30mm	0	SCALE	STRIP JACKET LENGTH MULTI CONDUCTOR CABLE I/S; REF DIMENSION I/S CONN TO I/S JACKET = 23mm
4		30mm	+/-3mm	30mm	0	SCALE	STRIP JACKET LENGTH MULTI CONDUCTOR CABLE R/S; REF DIMENSION I/S CONN TO I/S JACKET = 23mm
5		135mm	+/-3mm	132mm	-3mm	SCALE	STRIP JACKET LENGTH MULTI CONDUCTOR CABLE R/S; REF DIMENSION I/S CONN TO I/S JACKET = 128mm
6		15mm (x2)	+/-3mm	16mm	+1mm	SCALE	I/S HEAT SHRINK TO I/S CONN
7		25mm	+/-3mm	26mm	+1mm	SCALE	RED HEAT SHRINK LENGTH
8		25mm	+/-3mm	25mm	0	SCALE	BLACK HEAT SHRINK LENGTH
9		4mm	+/-0.5mm	4mm	0	SCALE	STRIP LENGTH I/S OF MULTI CONDUCTOR CABLE
10		4mm	+/-0.5mm	4mm	0	SCALE	STRIP LENGTH R/S OF MULTI CONDUCTOR CABLE
11		4mm	+/-0.5mm	4mm	0	SCALE	STRIP LENGTH I/S OF BLK WIRE
12		4mm	+/-0.5mm	4mm	0	SCALE	STRIP LENGTH R/S OF BLK WIRE
13		NOTES: TOLERANCE		COMPLY		VISUAL	
14 thru 22		BILL OF MATERIAL		COMPLY		VISUAL	BOM VERIFIED
23		PART LABEL		COMPLY		VISUAL	WRAP LABEL W/ P/N, REV, CCX, M, MDDY
24		PIN OUT		COMPLY		CIRCRIS	TEST REPORT ATTACHED
25		PACKAGING		COMPLY		VISUAL	BAG IN 10's W/ P/N, REV, CCX, QTY

First Article Approved:  Yes  No

Customer Signature: *[Signature]* Date: 05/08/19 Comments: N/A

Title: Manufacturing Engineering Tech

Re-Submit First Article:  Yes  No



**NOTE: Wire lengths shown are cut lengths.  
 Cut Tolerance: +/- 2.0mm**

Rev	Date	Changes	By
A	12/27/18	Shorten ground wires by 55mm	JW
B	1/22/19	Add image of 16pos connector	JW
C	1/30/19	Add strip tolerance	JW
D	2/6/19	Change pin out of z left harness on archim side from RW/GB to BGWR	JW

**CB Y-Z Harness, Assembled**



TITLE

FILE NAME: EL-HR0149\_CB\_YZ\_Harness.odg

SHEET 1

REV. D

Pg. 2

S U M M A R I Z E D A T T E N D E R M A T E R I A L S

Parent Items: EL-HR0149 Thru EL-HR0149 All Locations  
 Active Items Only  
 Both Purchased And Manufactured Items  
 11 Levels With No Blow Through  
 No Selection On Basis Of Effectivity Date  
 No Selection On Basis Of Obsolete Date

Component-Item	Component-Description	M/M	Loc	Alt	Stk	Buyer	Qty On Hand	Summ Qty-Req
							Qty-Allocated	Qty-On-Hand
Parent Item: EL-HR0149	FR1-CB Y 2 HARNESS							
	D							
1007-24/7 0-	R15-24AWG/BLK/UL1007/1569	FT	002	A	Y	100	33,024.9356	1,525
	ANY Must be RoHS compliant		000	P	Y		3,547.5950	1,000.000
16-02-0086	BRI-T F 22-24-R	FA	002	A	Y	100	152,418.0000	17,000
	MOLEX-RoHS Compliant		000	P	Y		31,911.0000	20,000.000
40F-1430	R93 BAG,14x30IN,4MTL	FA	002	A	Y	100	3,234.2700	0.013
	ELKAPLASTICS-ROHS		000	P	Y		2,859.0000	250.000
50-57-9404	R03-HSG-004POS-1R-0.11-IN	EA	002	A	Y	100	33.0000	3.000
	MOLEX MUST BE ROHS COMPLIANT		000	P	Y		0.0000	0.000
50-57-9416	R03-HSG-16-1-.100-IN	FA	001	A	Y	100	27.0000	1.000
	MOLEX MUST BE ROHS COMPLIANT		000	P	Y		0.0000	0.000
C0762A	40-22AWG-STR-FSHLD GRY	FT	002	A	Y	100	900.9200	2.460
	GENERAL CABLE ROHS		000	P	Y		912.3165	15,000.000
CBHPT6001/4RBK	B13-HEATSHRINK,1/4IN,BLK	FT	003	A	Y	100	2,278.4463	0.083
	WOER CB-HPT600 1/4-R-BK 250		000	P	Y		562.9070	4,010.000
CBHPT6001/4RRD	B13-1/4IN,2:1,H/S,RED	FT	002	A	Y	100	297.4600	0.083
	WOER		000	P	Y		0.0000	0.000
EL-HR0149-CUB	FR1-SUB ASSEMBLY EL-HR0149	EA	001	A	Y	400	0.0000	1.000
	D		000	P	Y		1,054.0000	0.000
F22 4R-M	B02-TRN,26-22,4,NING	FA	002	A	Y	100	14,213.0000	3.000
	PANDUIT ROHS		000	P	Y		684.0000	7,000.000
THF 17-488-3	C29-BRADY1.0X2.0LABEL,SKROLL	FA	003	A	Y	200	64,189.5907	0.013
	BRADY MUST BE ROHS COMPLIANT		000	P	Y		12,193.9012	0.000
THF-9-427-10	C29-BRADY1.50X1.00 LABEL 5K	FA	003	A	Y	200	90,182.0000	1.000
	BRADY/ROHS B/A THF 9-451 10		000	P	Y		20,900.0000	50,000.000
ZYD0C175BRD	WAITING ON CUST APPRVL/ORDER	EA	002	A	N	050	0.0000	0.000
	ALL PROD MATERIAL PER CUST		000	M	N		0.0000	0.000

(24)

TEST SUMMARY

Cable Signature: E93722  
Parameter Signature: 6M0F0

Cable Serial Number:

Adapter Signature(s):

- J1 787AE0
- J3 787AE0
- J4 787AE0
- J5 787AE0
- J6 787AE0

Parameter Settings:

CONNECTION RESIS (<= 0.7 ohm  
LV INSULATION RESIS > 5.00 M ohm  
HIPOT VOLTAGE OFF

Connections:

- 1 J1-001 J5-001
- 2 J1-002 J5-003
- 3 J1-004 J5-005
- 4 J1-006 J5-007
- 5 J1-008 J3-001
- 6 J1-010 J4-001
- 7 J1-012 J4-003
- 8 J1-014 J4-005
- 9 J1-016 J4-007
- 10 J1-018 J3-002
- 11 J1-020 J6-007
- 12 J1-022 J6-005
- 13 J1-024 J6-003
- 14 J1-026 J6-001
- 15 J1-028 J3-003

**CCX Corp.**  
 Lot # 114652  
 Part # EL-HR0149  
 Rev. D  
 Qty. 5  
 Tech Am

GOOD CABLES TESTED: 5

Notes: