

ENGINEERING NOTES :

1. THIS IS A MINIMALLY DIMENSIONED DRAWING. REFER TO CAD DATA FOR ADDITIONAL INFORMATION.  
2. NOTE ORIENTATION AND PINOUT OF CONNECTORS

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01	Release for prototype	7/14	NK
02	UPDATED PART NUMBER AND LENGHT	7/17	NK
03	UPDATED PINOUT	11/9	EAB
04	UPDATED CABLE	11/9	EAB

PINOUT AS VIEWED  
FROM PLUG SIDE

PINOUT AS VIEWED  
FROM PLUG SIDE

ADD HEATSHRINK  
CENTER ON TRIMMED  
JACKET

(TRIM JACKET BACK  
FROM CONNECTOR)  
15.00

TRIM THE BLUE AND ORANGE CONDUCTORS  
FROM 115-00105 CABLE 7X28AWG ON BOTH ENDS

PIN 1

PIN 1

CONNECTOR PINOUT

CONNECTOR PINOUT			
1	2	DESIGNATION	
MICROFIT 8PIN DOUBLE ROW	JST GH 6PIN CONNECTOR GHR-06V-S	DESIGNATION	CONDUCTOR COLOR
1	1	GND	BLACK
2	2	+5V	RED
3			
4			
5			
6	6	LANC SIGNAL	WHITE
7	5	GPO/UART TX	GREEN
8	3	GPI/UART RX	YELLOW

ITEM NO.	NUMBER	DESCRIPTION	QTY.
1	125-00084	MICROFIT 8PIN DOUBLE ROW 430250800	1
2	125-00087	JST GH 6PIN CONNECTOR GHR-06V-S	1
3	431-00008	OVERMOLD CHARGER MOLEX	1
4	115-00105	CABLE 7X28AWG	A/R

UNLESS OTHERWISE SPECIFIED

DRAWN BY:  
KUCZUN

DATE:  
11/9/2020

CHECKED BY:  
BLASER

DATE:  
11/9/2020

APPROVED BY:  
KUCZUN

DATE:  
11/9/2020

DIMENSIONS ARE IN  
MILLIMETERS

LINEAR TOLERANCES

.X=±.5  
.XX= ±.1  
.XXX=±.05

ANGULAR TOLERANCE ± .5°

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OR PART WITHOUT THE WRITTEN  
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INTERPRET DRAWING PER ASME Y14.5M-2009



FREEFLY SYSTEMS  
15540 WOODINVILLE-REDMOND RD  
BLDG A, SUITE 800  
WOODINVILLE, WA 98072  
WWW.FREEFLYSYSTEMS.COM

DESCRIPTION:

CABLE ASSEMBLY MOVI PRO  
WAVE UART

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PART #  
850-00469

REV  
04

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