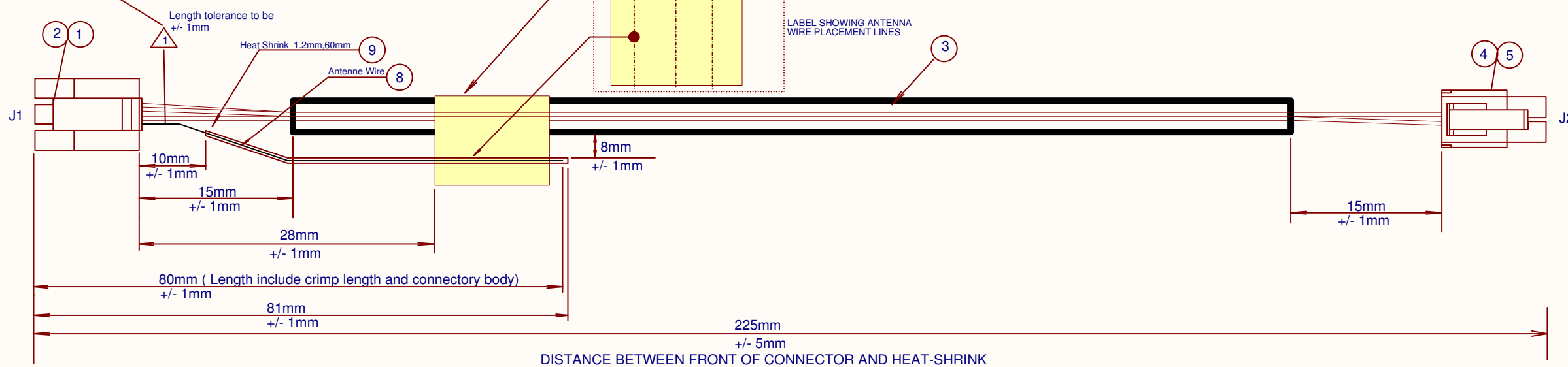
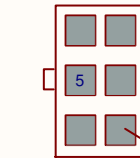
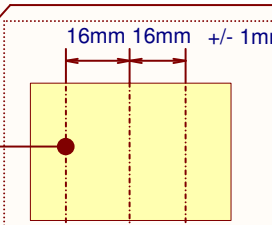


J1
6 Way Connector
VIEW FROM BACK SIDE



NOTE 2
ATTACH ROBUST LABEL WITH TEXT
Pico Base Station Interface Harness
440FT0947 V7
MM WW/YYYY
WHERE MM IS THE SUPPLIER CODE,
WW IS WEEK AND
YYYY THE YEAR OF MANUFACTURE



225mm +/- 5mm
DISTANCE BETWEEN FRONT OF CONNECTOR AND HEAT-SHRINK

NOTES

- All parts and process to be RoHS compliant
- Test each wire connection
- Test each cable
- 5% tolerance on all dimensions unless shown otherwise
- Neatly roll up each cable and tie with rubber band
- Package 20 x cables in a suitable plastic bag (no individual packaging)
- Attach a label to the centre of the product packaging bag, with the following information:

Pico Base Station Interface Harness
440FT0947 V7
MM WW/YYYY
QTY : X

Where MM is the Supplier Code (as specified by Mix Telematics), WW is the week and YYYY the year of manufacture

- Bulk package cables in a suitable box or plastic bag, and attach label to bulk packaging with following information:

Pico Base Station Interface Harness
440FT0947 V7
MM WW/YYYY
QTY : X

Where MM is the Supplier Code (as specified by MiX Telematics), WW is the week and YYY the year of manufacture, and X is the bulk packaging quantity

NOTE:1

ANTENNA Wire, covered with shrink sleeve, (J1 pin 3) placed outside main sleeve, DO NOT TWIST +/- 1mm, use label to secure with Main Harness Parts can be used , CVilux , Molex.
All Parts and process used to be RoHS compliant

CONNECTION TABLE		(mm)		(mm)	
J1	J2	WIRE COLOUR	FUNCTION	WIRE DIAMETER	WIRE LENGTH
1	4	RED	LED	0.35	190
2	2	WHITE	CP CLOCK	0.35	190
3		BLACK	ANT-915	0.35	80 Including crimp Length
4	1	BLACK	GND	0.35	190
5	3	GREEN	CP DATA	0.35	190
6		NOT USED			

REF	DESCRIPTION	PART NUMBER	QTY
1	Connector Receptacle Housing Dual Row 6-Way Black	Molex 43025-0608 CviLuX CP35-06-S-001-0	1
2	Crimp Terminal Female Tin-Plated 20-24AWG	Molex 43030-0005 CviLuX CP35-TN2-1-PES	6
3	0.35mm Auto wire Outer, 6mm normal black soft pvc	Loose wires, not twisted	5
4	Connector Receptacle Housing Dual Row 4-Way White	Molex Mini-Fit Jr. 0039012040	1
5	Crimp Terminal Fmale Tin-Plated 18-24AWG	Molex Mini-Fit Jr. 0039000038	4
6			
7	Label	See NOTE 2	1
8	Wire from J1 pin 3, covered with shrink placed outside sleeve (Not twisted)	80mm Black 0.35mm Auto Wire	1
9	Heat-shrink 1,2mm, Black, 60mm overlap end by 5.0mm		

VER	CHANGE NOTES:
2A	1. Shorten overall length 2. Move Antenna wire outside sleeve and cover with heat shrink. 3. Remove second Antenna wire from Pin 6 4. Reduce strip distance behind J2
3A	1. Shorten Wire on Pin 3 length = 80mm 2. Antenna wire outside sleeve and partially covered with heat shrink. 3. Heat shrink shorter lengths 4. Sleeve end distance to connector changed
4A	1. Antenna wire covered with individual heat shrink and placed inside sleeve 2. Heat shrink cover all wires 3. Sleeve end distance to connector changed
5A	25/08/2015 1. Antenna wire length increased to 95mm 2. Packaging change 3. Outer sleeve lenth change
6A	13/10/2015 1. Remove Item 6, Heatshrink 2. Antenna Wire moved outside sleeve 3. Label position changed (hold antenna wire)
V7A	07/01/2016 1. Antenna wire placement changed



Drawn by	K. Douglas	TITLE : Pico Base Station Interface Harness
Project. ENG.	K. Douglas	
Approved by		
TIME	16:30	SHEET
DATE	01-06-2016	1 OF 1
DRAWING NUMBER : 440CM0947		REV. 7A