

Customer Information Sheet

IF IN DOUBT - ASK



NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

TABLE 1: CONFIGURATIONS & BILL OF MATERIALS

ORDER CODE CONFIGURATIONS																BOM ITEM No.							
KA1-XXXXX-X-XXXXX-XXXX																1	2	3	4	5			
																CONNECTOR 1 (SEE ORDER CODE FOR TOTAL No. OF CONTACTS)	CONNECTOR 1 CONTACT (SEE ORDER CODE FOR TOTAL No. OF CONTACTS)	WIRE TYPE	CONNECTOR 2 (SEE ORDER CODE FOR TOTAL No. OF CONTACTS)	CONNECTOR 2 CONTACT (SEE ORDER CODE FOR TOTAL No. OF CONTACTS)			
KA1	-	F	S	V	A B C D	1 2	-	2 3 4	-	XXXX	A B C	-	F	V	A	1 2	KA1-201XX98F1 KA1-201XX98F2	KA1-0400005 KA1-0450005	8AWG SILICONE WIRE (SEE C049XX)	KA1-201XX98F1 KA1-201XX98F2	KA1-0400005 KA1-0450005		
				H		1 2								H	A B	1 2				KA1-202XX98F1 KA1-202XX98F2	KA1-0500005 KA1-0550005	KA1-202XX98F1 KA1-202XX98F2	KA1-0500005 KA1-0550005
		M	V	1 3 5		M							V	A	1 3 5	KA1-301XX98M1 KA1-301XX98M3 KA1-301XX98M5	KA1-1410005 KA1-1450005	KA1-301XX98M1 KA1-301XX98M3 KA1-301XX98M5		KA1-1410005 KA1-1450005			
																		V		1 2	KA1-201XX98F1 KA1-201XX98F2	KA1-0400005 KA1-0450005	
														F	H			A B		1 2	KA1-202XX98F1 KA1-202XX98F2	KA1-0500005 KA1-0550005	KA1-202XX98F1 KA1-202XX98F2

TABLE 1 CONT.: ACCESSORY BOM

POTTING	BACKSHELL 1	BACKSHELL 2	BRAIDING & TAPE
6	7	8	9
SEE C049XX	KA1-970XX00	KA1-970XX00	SEE C049XX
	KA1-980XX00	KA1-980XX00	
	KA1-970XX00	KA1-970XX00	
		KA1-980XX00	

- NOTES:
- CABLE ASSEMBLIES ARE BULK PACKED IN BAGS.
 - WIRING OF CONNECTORS:
CONTACT No.1 TO CONTACT No.1,
CONTACT No.2 TO CONTACT No.2, ETC.
 - FOR COMPLETE SPECIFICATION,INCLUDING WIRE TYPE AND GAUGE
SEE COMPONENT SPECIFICATIONS C052XX & C049XX (LATEST ISSUE).
 - CUSTOM LENGTH CABLE ASSEMBLIES CAN BE PRODUCED FROM
100mm TO 9999mm.
 - CONTACT EXTRACTION TOOL = ZA1-904.
 - FOR FIXING IDENTIFICATION SEE SHEETS 6 OR 7.
 - ASSEMBLIES SHOWN FOR ILLUSTRATIVE PURPOSES ONLY AND
WILL DIFFER BASED ON PART NUMBER.
 - POSSIBLE CONFIGURATIONS:
FEMALE-TO-FEMALE
MALE-TO-MALE
MALE-TO-FEMALE.

ORDER CODE:

KA1-XXXXX-X-XXXXX-XXXX

GENDER:

F = FEMALE
M = MALE

CONTACT TERMINTATION:

S = SOLDER CUP
C = CRIMP

CONTACT STYLE:

V = VERTICAL
H = HORIZONTAL (90°)

ACCESSORIES:

A= NONE
B = BACKPOTTING
C = FULLY SHIELDED
D = BACKPOTTING &
SHIELDING

FIXING TYPE:

1 = F1 / M1 2 = F2
3 = M3 5 = M5

TOTAL No OF CONTACTS:

2, 3, 4

FIXING TYPE:

1 = F1 / M1 2 = F2
3 = M3 5 = M5

CONNECTOR 2 ORIENTATION:

A = CONTACT No.1 DOWN
B = CONTACT No.1 UP

CONTACT STYLE:

V = VERTICAL
H = HORIZONTAL

GENDER:

F = FEMALE
M = MALE

WIRE COLOUR:

A = WHITE
B = BLACK
C = RED

DIM 'A' (CABLE LENGTH):

0100 = 100mm MIN

RTP	2	26.01.24	33571
NAME	ISS.	DATE	CN/CO
APPROVED:		R.PORTLOCK	
CHECKED:		A.BOXALL	
DRAWN:		M.RUDKIN	
ASSEMBLY DRG:			

HARWIN

www.harwin.com

TOLERANCES

X. = ±1mm
X.X = ±0.50mm
X.XX = ±0.20mm
X.XXX = ±0.01mm

ANGLES = ±5°
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ANY OTHER PURPOSE WITHOUT THEIR
WRITTEN PERMISSION.

MATERIAL:

SEE TABLE

TITLE:

KONA SERIES
DOUBLE ENDED CABLE
ASSEMBLY

DRAWING NUMBER:

KA1-XXXXX-X-XXXXX-XXXX

SHT
5
OF
8

Customer Information Sheet

IF IN DOUBT - ASK

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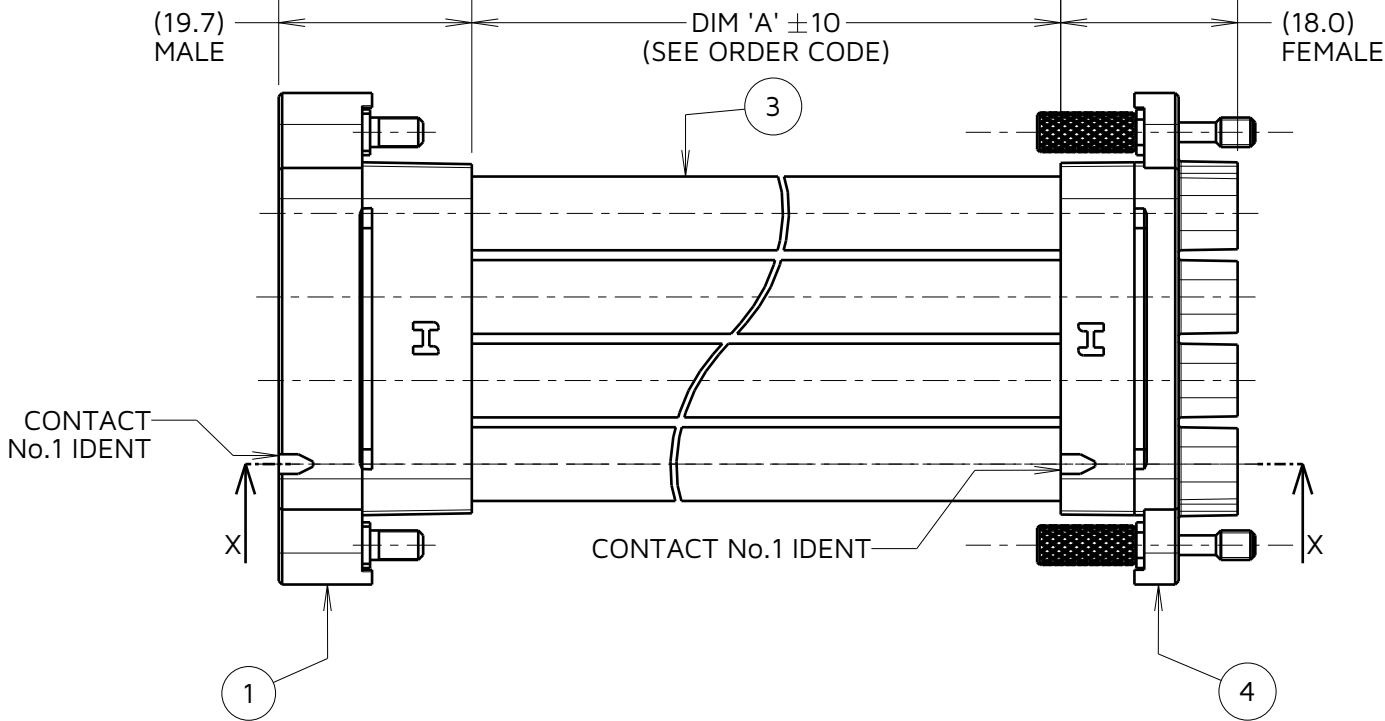
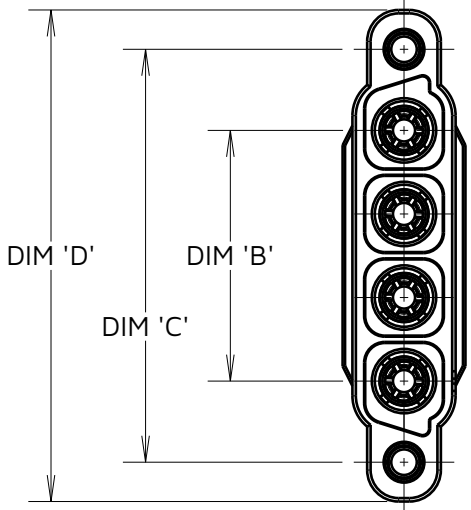
NOT TO SCALE

THIRD ANGLE PROJECTION

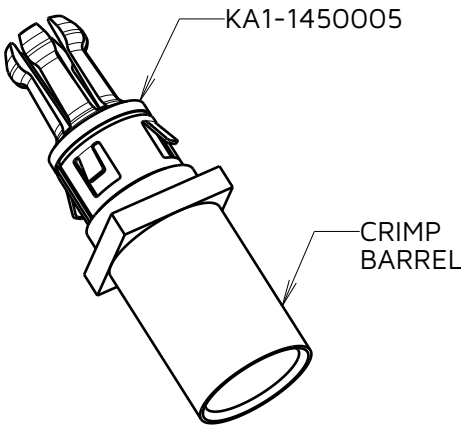
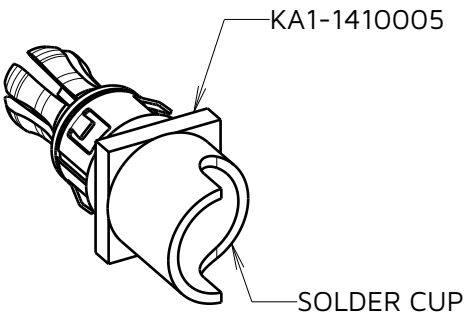
ALL DIMENSIONS IN mm

TABLE 1: DIMENSIONS

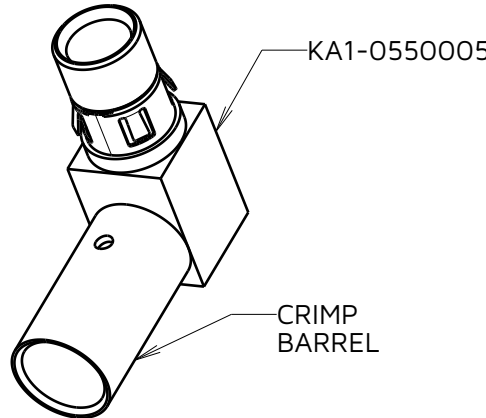
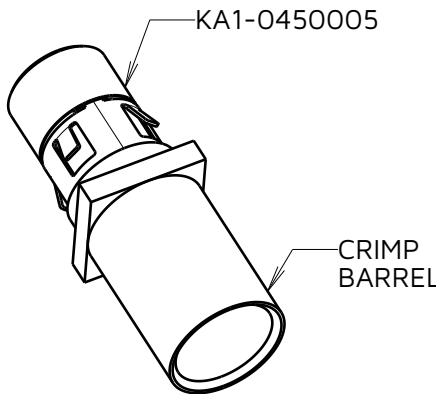
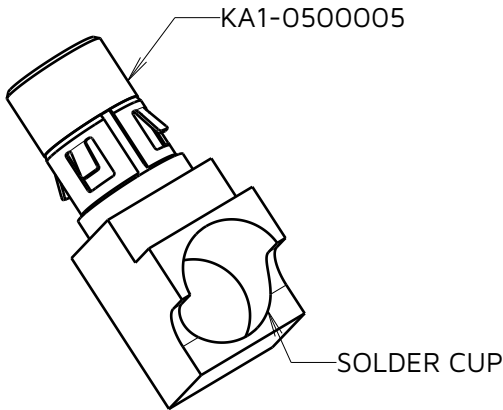
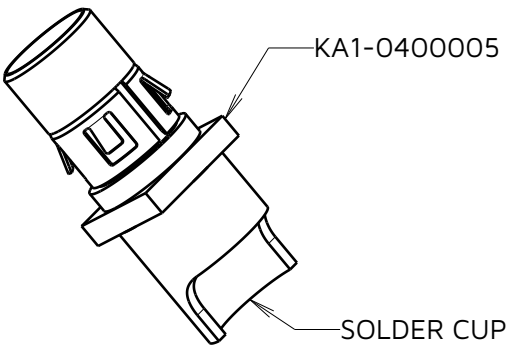
DIMENSION	MEASUREMENT
DIM 'B'	(TOTAL No. OF CONTACTS - 1) x 8.5
DIM 'C'	(TOTAL No. OF CONTACTS - 1) x 8.5 + 16.5
DIM 'D'	(TOTAL No. OF CONTACTS - 1) x 8.5 + 24.5



MALE CONTACTS:



FEMALE CONTACTS:



NOTES:
9. POSSIBLE CONFIGURATIONS:
FEMALE-TO-FEMALE
MALE-TO-MALE
MALE-TO-FEMALE

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TOLERANCES

X. = ±1mm
X.X = ±0.50mm
X.XX = ±0.20mm
X.XXX = ±0.01mm
ANGLES = ±5°
UNLESS STATED

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MATERIAL:

SEE SHEET 5

TITLE:

KONA SERIES
DOUBLE ENDED CABLE
ASSEMBLY

DRAWING NUMBER:

KA1-XXXXX-X-XXXXX-XXXX

SHT

6

OF

8

RTP	2	26.01.24	33571
NAME	ISS.	DATE	CN/CO
APPROVED:	R.PORTLOCK		
CHECKED:	A.BOXALL		
DRAWN:	M.RUDKIN		
ASSEMBLY DRG:			

Customer Information Sheet

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©

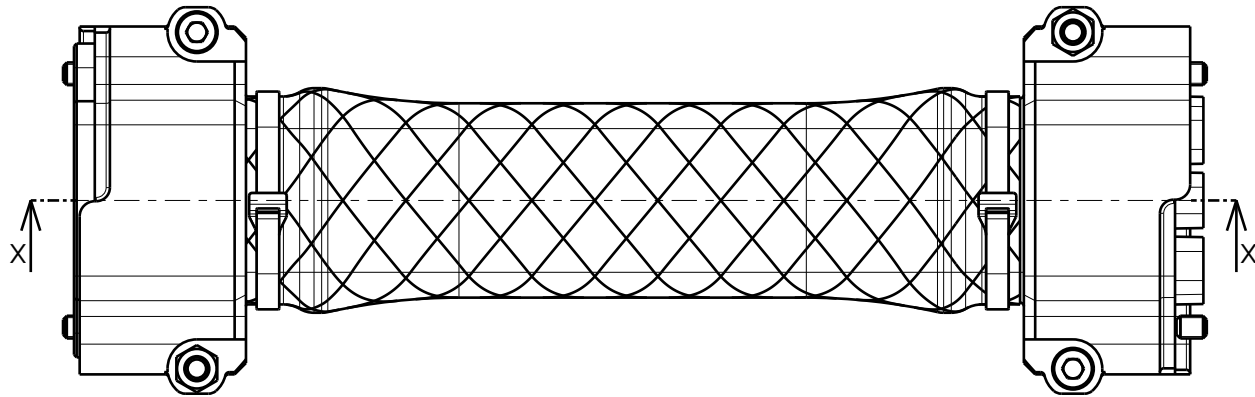
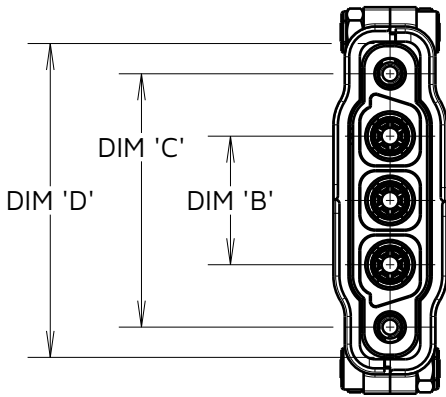
NOT TO SCALE

THIRD ANGLE PROJECTION

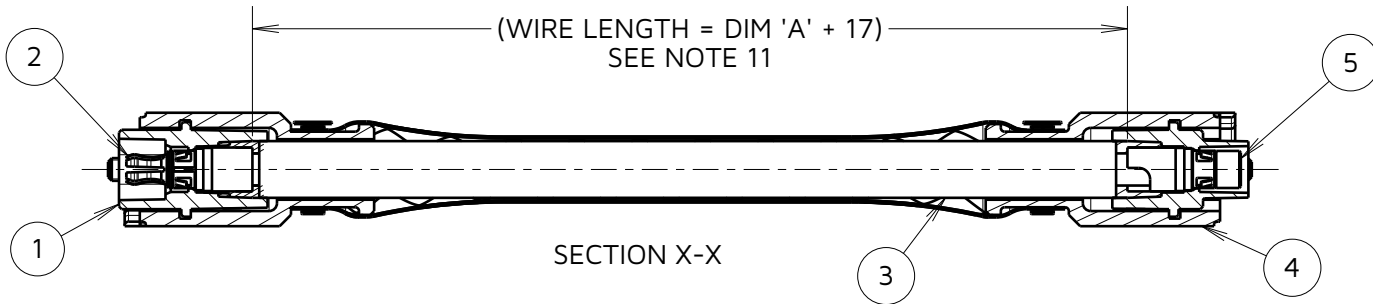
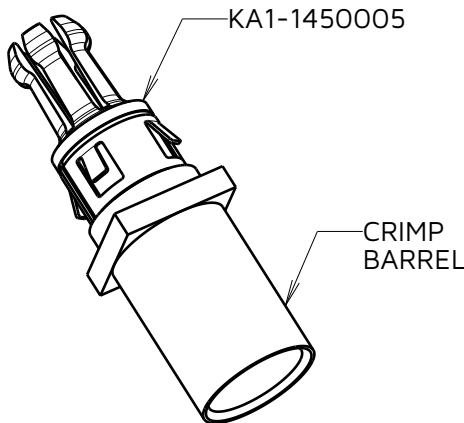
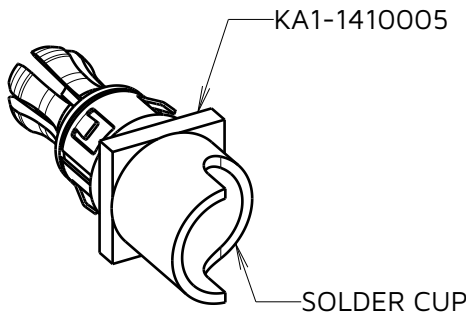
ALL DIMENSIONS IN mm

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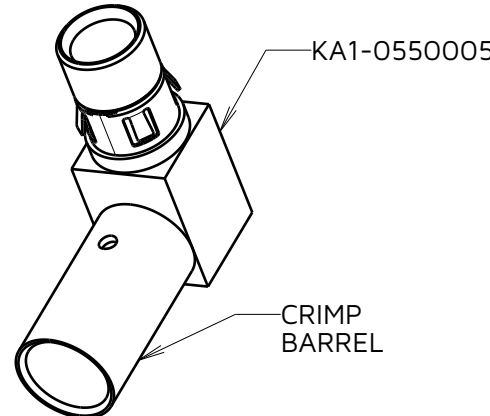
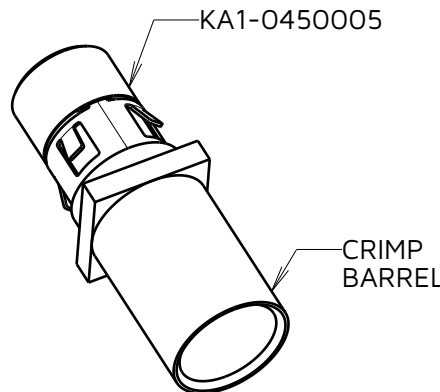
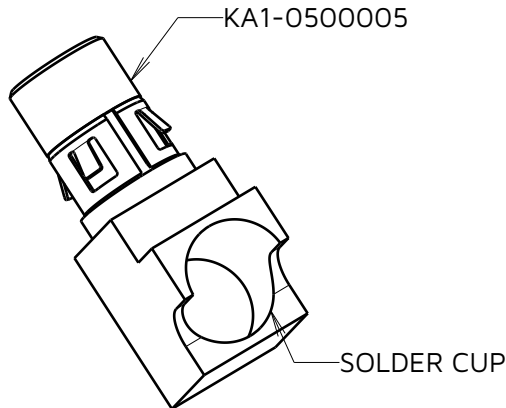
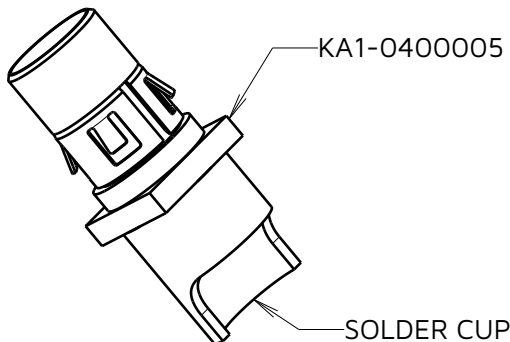
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MALE CONTACTS:



FEMALE CONTACTS:



NOTES:
10. POSSIBLE CONFIGURATIONS:
FEMALE-TO-FEMALE
MALE-TO-FEMALE
MALE-TO-MALE
11. WIRE LENGTHS GIVEN FOR REFERENCE ONLY.

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X.XX = ±0.20mm
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MATERIAL:

SEE SHEET 5

TITLE: KONA SERIES
DOUBLE ENDED CABLE
ASSEMBLY

DRAWING NUMBER:
KA1-XXXXX-X-XXXXX-XXXX

SHT
7
OF
8

RTP	2	26.01.24	33571
NAME	ISS.	DATE	CN/CO
APPROVED:	R.PORTLOCK		
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DRAWN:	M.RUDKIN		
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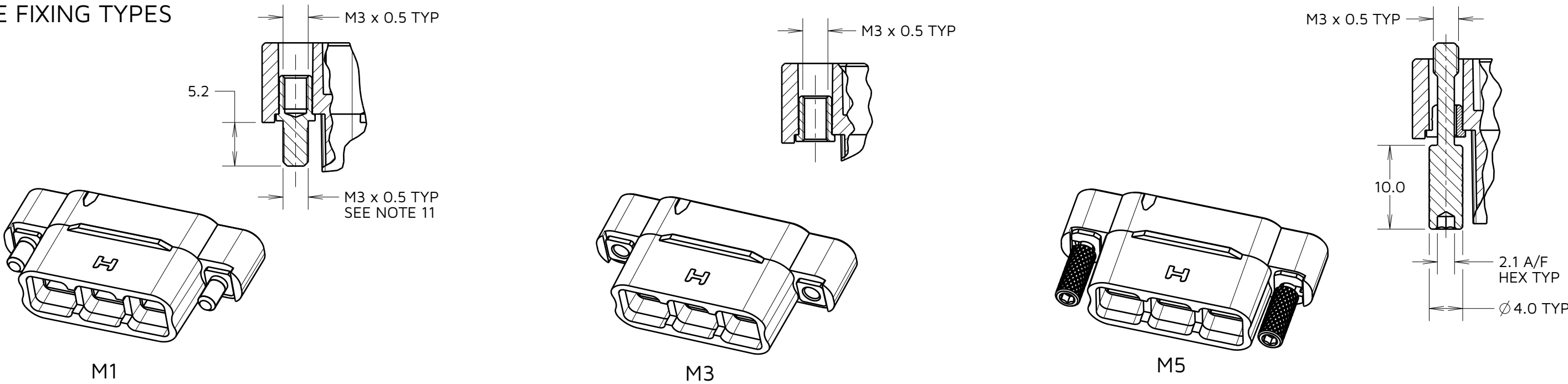
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NOT TO SCALE

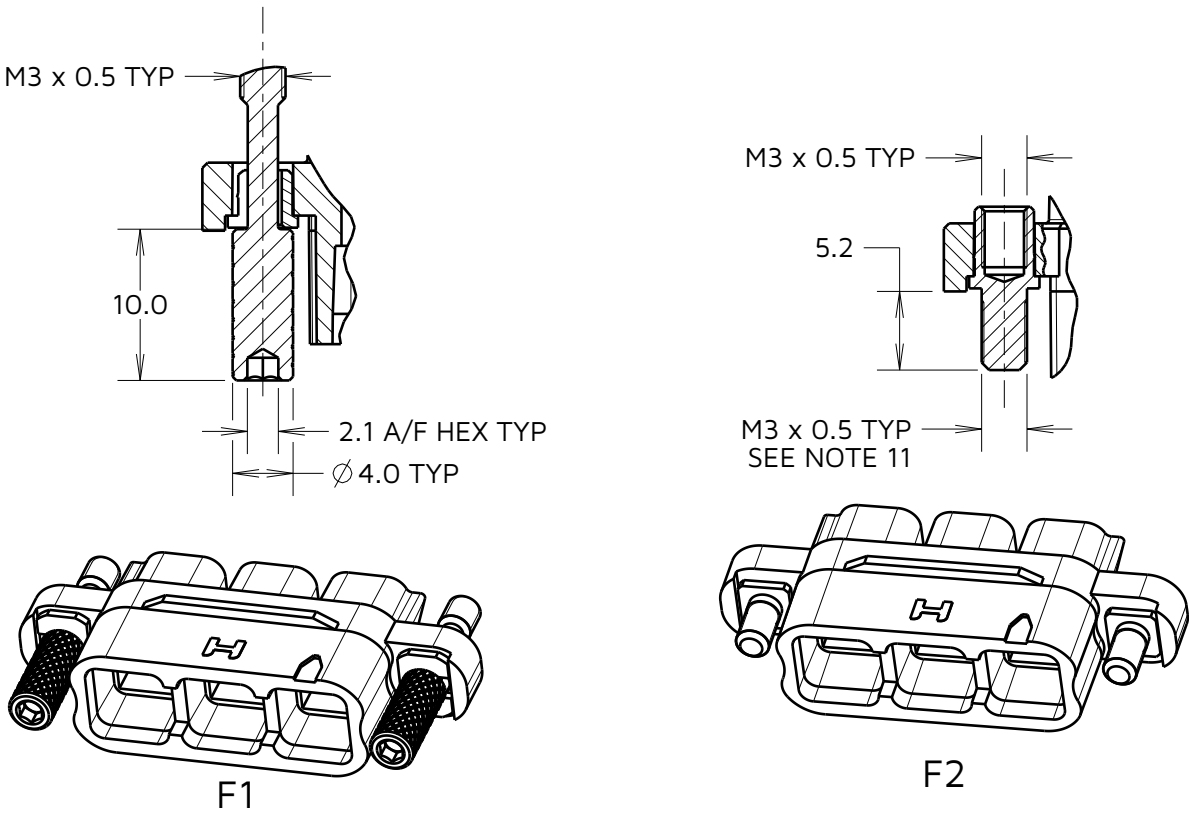
THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

MALE FIXING TYPES



FEMALE FIXING TYPES



ORDER CODE:

KA1-XXXXX-X-XXXXX-XXXX

GENDER:
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M = MALE

CONTACT TERMINATION:
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C = CRIMP

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D = BACKPOTTING & SHIELDING

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2, 3, 4

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0100 = 100mm MIN

FIXING TYPE:
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CONNECTOR 2 ORIENTATION:
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CONTACT STYLE:
V = VERTICAL
H = HORIZONTAL

GENDER:
F = FEMALE
M = MALE

WIRE COLOUR:
A = WHITE
B = BLACK
C = RED

- NOTES:
- SEE BILL OF MATERIALS TABLE ON SHEET 5 AND ORDER CODE FOR FIXING IDENTIFICATION.
 - FOR PANEL MOUNT NUTS ORDER SEPARATELY PART NUMBER: KA1-4240000, ROUND SLOTTED NUT - BAG OF 20.

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TOLERANCES
X. = $\pm 1\text{mm}$
X.X = $\pm 0.50\text{mm}$
X.XX = $\pm 0.20\text{mm}$
X.XXX = $\pm 0.01\text{mm}$
ANGLES = $\pm 5^\circ$
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MATERIAL:

SEE SHEET 5

TITLE: KONA SERIES
DOUBLE ENDED CABLE
ASSEMBLY

DRAWING NUMBER:
KA1-XXXXX-X-XXXXX-XXXX

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