

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.				
										1	2	3	4	5
G125-XXXXXXXX-XXXXXX										CONNECTOR 1 (SEE ORDER CODE FOR TOTAL No. OF CONTACTS)	PTFE WIRE	CONNECTOR 1 CONTACT (SEE ORDER CODE FOR QTY.)	CONNECTOR 2 CONTACT (SEE ORDER CODE FOR QTY.)	CONNECTOR 2 (SEE ORDER CODE FOR TOTAL No. OF CONTACTS)
G125	-	FC FD	1 2	XX	05 98 99	F0 F1 F2 F3 F5	-	XXXX	F0 F1 F2 F3 F5	G125-224XX9600 G125-224XX96F1 G125-224XX96F2 G125-224XX96F3 G125-224XX96F5	STANDARD WHITE WIRE BLACK WIRE RED WIRE (SEE C049XX) TWISTED PAIRS 2 TURNS PER INCH: WHITE & RED (SEE C049XX) 3 TURNS PER INCH: WHITE & GREEN (SEE C049XX)	FEMALE SIGNAL 26AWG: G125-0010005 28AWG: G125-0020005 MALE SIGNAL 26AWG: G125-1010005 28AWG: G125-1020005	FEMALE SIGNAL 26AWG: G125-0010005 28AWG: G125-0020005 MALE SIGNAL 26AWG: G125-1010005 28AWG: G125-1020005	G125-224XX9600 G125-224XX96F1 G125-224XX96F2 G125-224XX96F3 G125-224XX96F5
		MC MD		XX		M0 M1 M2 M3 M5			M0 M1 M2 M3 M5	G125-324XX9600 G125-324XX96M1 G125-324XX96M2 G125-324XX96M3 G125-324XX96M5				G125-324XX9600 G125-324XX96M1 G125-324XX96M2 G125-324XX96M3 G125-324XX96M5
		MC MD		XX		M0 M1 M2 M3 M5			F0 F1 F2 F3 F5	G125-324XX9600 G125-324XX96M1 G125-324XX96M2 G125-324XX96M3 G125-324XX96M5				G125-224XX9600 G125-224XX96F1 G125-224XX96F2 G125-224XX96F3 G125-224XX96F5

- NOTES:
- FOR COMPLETE SPECIFICATION, INCLUDING WIRE TYPE AND GAUGE SEE COMPONENT SPECIFICATIONS C125XX & C049XX (LATEST ISSUES).
 - FOR POTTING COMPOUND AND WIRE TYPE SEE C049XX COMPONENT SPECIFICATION.
 - SEE SHEET 7 FOR ASSEMBLIES WITH STANDARD WIRING CONFIGURATIONS.
 - SEE SHEET 8 FOR ASSEMBLIES WITH TWISTED PAIR WIRING CONFIGURATIONS.
 - SEE SHEET 9 FOR HARDWARE FIXING INFORMATION.
 - FOR ALL HOUSING DIMENSIONS, SEE RESPECTIVE DRAWINGS FOR BOM ITEMS 1 & 5.
 - CABLE ASSEMBLIES ARE BULK PACKED IN BAGS.
 - CUSTOM LENGTH CABLE ASSEMBLIES CAN BE PRODUCED FROM 60mm TO 9999mm.

ORDER CODE:

G125-XXXXXXXX-XXXXXX

CONNECTOR 1:

F = FEMALE
M = MALE

WIRING STYLE:

C = STANDARD WIRE
D = TWISTED PAIR

WIRE GAUGE:

1 = 26AWG
2 = 28AWG

TOTAL No. OF CONTACTS:

06, 10, 12, 16,
20, 26, 34, 50

CONNECTOR 2

FIXING STYLE:
F0/F1/F2/F3/F5
M0/M1/M2/M3/M5

DIM 'A' LENGTH:
0060 = 60mm MIN
9999 = 9999mm MAX

CONNECTOR 1 FIXING STYLE:

F0/F1/F2/F3/F5
M0/M1/M2/M3/M5

WIRE COLOUR:

05 = WHITE
98 = BLACK
99 = RED

RTP	2	21.09.23	33059
NAME	ISS.	DATE	CN/CO
APPROVED: R.PORTLOCK			
CHECKED: A.BOXALL			
DRAWN: R.PORTLOCK			
ASSEMBLY DRG:			

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TOLERANCES

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

ANGLES = ±5°

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MATERIAL:

SEE ABOVE

TITLE:

GECKO SL
CABLE ASSEMBLY

DRAWING NUMBER:

G125-XXXXXXXX-XXXXXX

SHT
6
OF
9

Customer Information Sheet

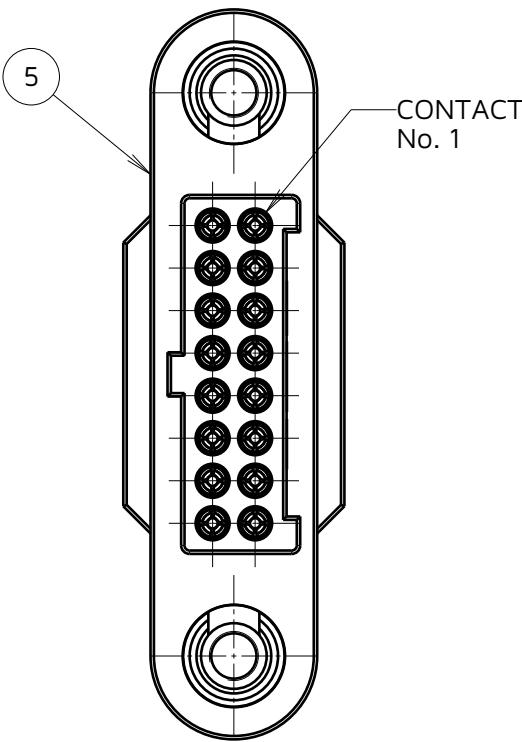
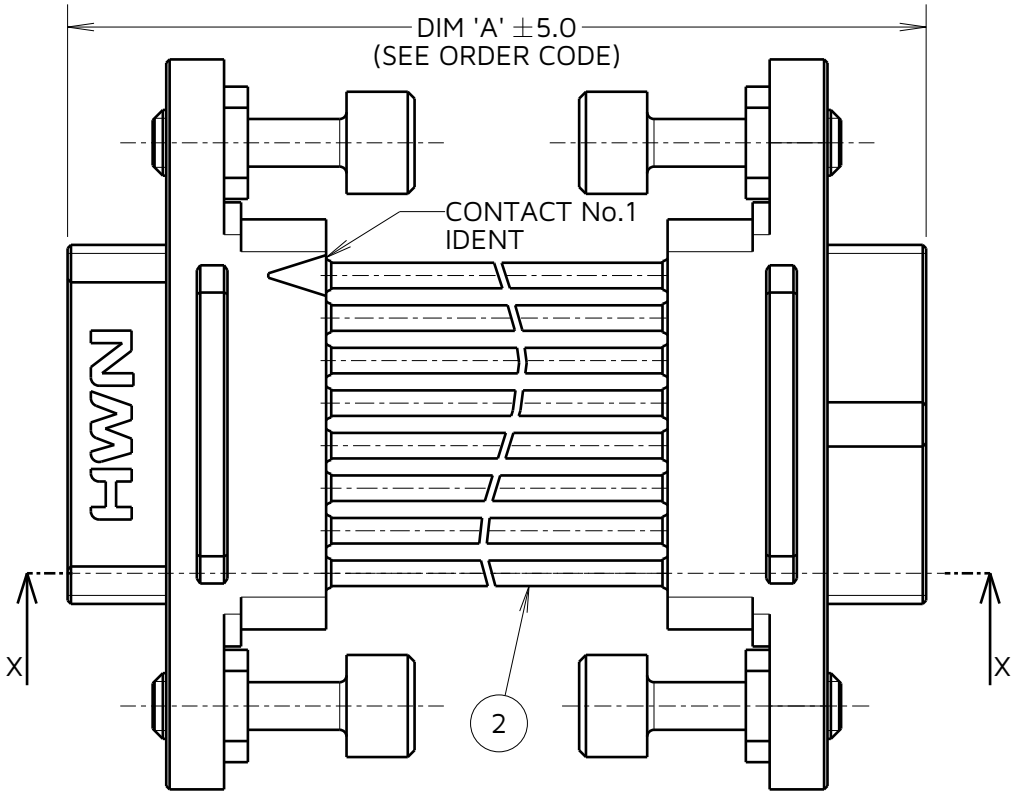
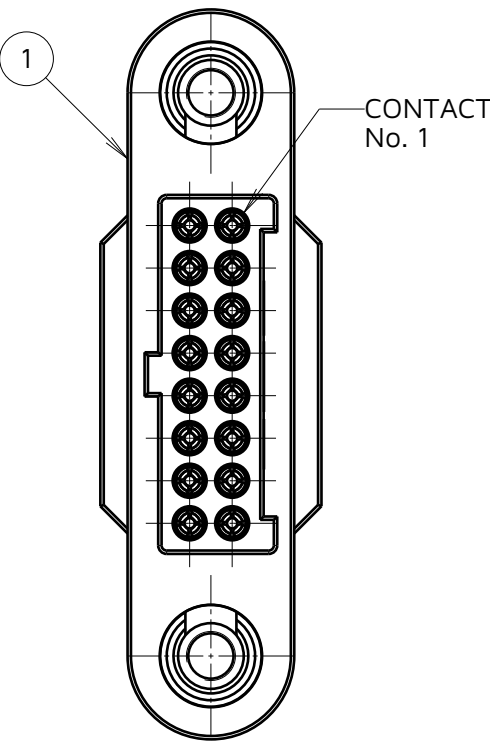
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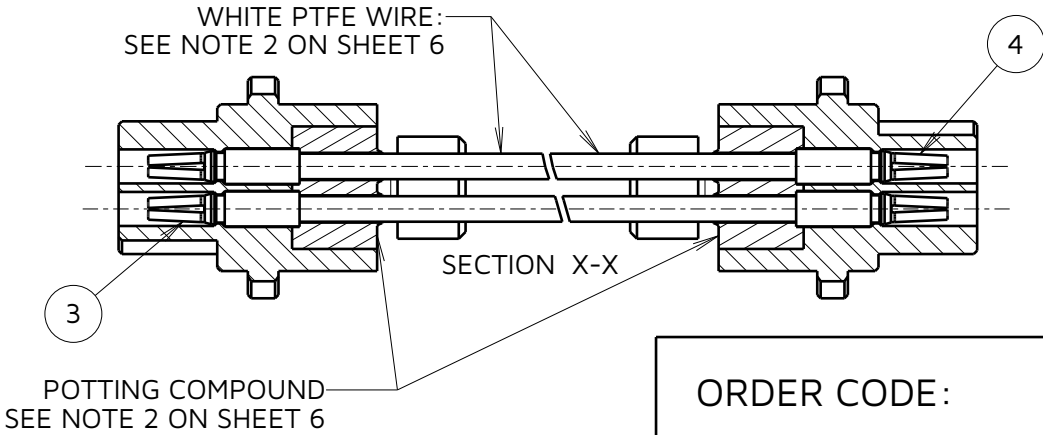
NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



EXAMPLE SHOWN: FEMALE-TO-FEMALE
STANDARD WIRING
G125-FC11605F1-0150F1



ORDER CODE:

G125-XXXXXXXXXX-XXXXXX

CONNECTOR 1:
F = FEMALE
M = MALE

WIRING STYLE:
C = STANDARD WIRE
D = TWISTED PAIR

WIRE GAUGE:
1 = 26AWG
2 = 28AWG

TOTAL No. OF CONTACTS:
06, 10, 12, 16,
20, 26, 34, 50

CONNECTOR 2
FIXING STYLE:
FO/F1/F2/F3/F5
MO/M1/M2/M3/M5

DIM 'A' LENGTH:
0060 = 60mm MIN
9999 = 9999mm MAX

CONNECTOR 1 FIXING STYLE:
FO/F1/F2/F3/F5
MO/M1/M2/M3/M5

WIRE COLOUR:
05 = WHITE
98 = BLACK
99 = RED

- NOTES:
- POSSIBLE CONFIGURATIONS:
FEMALE-TO-FEMALE,
MALE-TO-FEMALE,
MALE-TO-MALE.
 - FOR POSSIBLE COMBINATIONS, SEE BOM TABLE ON SHEET 6.
 - ASSEMBLY G125-FC11605F1-0150F1 SHOWN FOR ILLUSTRATIVE PURPOSES ONLY. SEE ORDER CODE FOR PART NUMBER.
 - WIRING OF CONNECTOR:
CONTACT 1 TO CONTACT 1,
CONTACT 2 TO CONTACT 2, ETC.

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NAME	ISS.	DATE	CN/CO
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CHECKED: A.BOXALL			
DRAWN: R.PORTLOCK			
ASSEMBLY DRG:			

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TOLERANCES
X. = ±1mm
X.X = ±0.50mm
X.XX = ±0.20mm
X.XXX = ±0.01mm
ANGLES = ±5°
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MATERIAL:

SEE SHEET 6

TITLE:
**GECKO SL
CABLE ASSEMBLY**

DRAWING NUMBER:
G125-XXXXXXXXXX-XXXXXX

SHT
7
OF
9

Customer Information Sheet

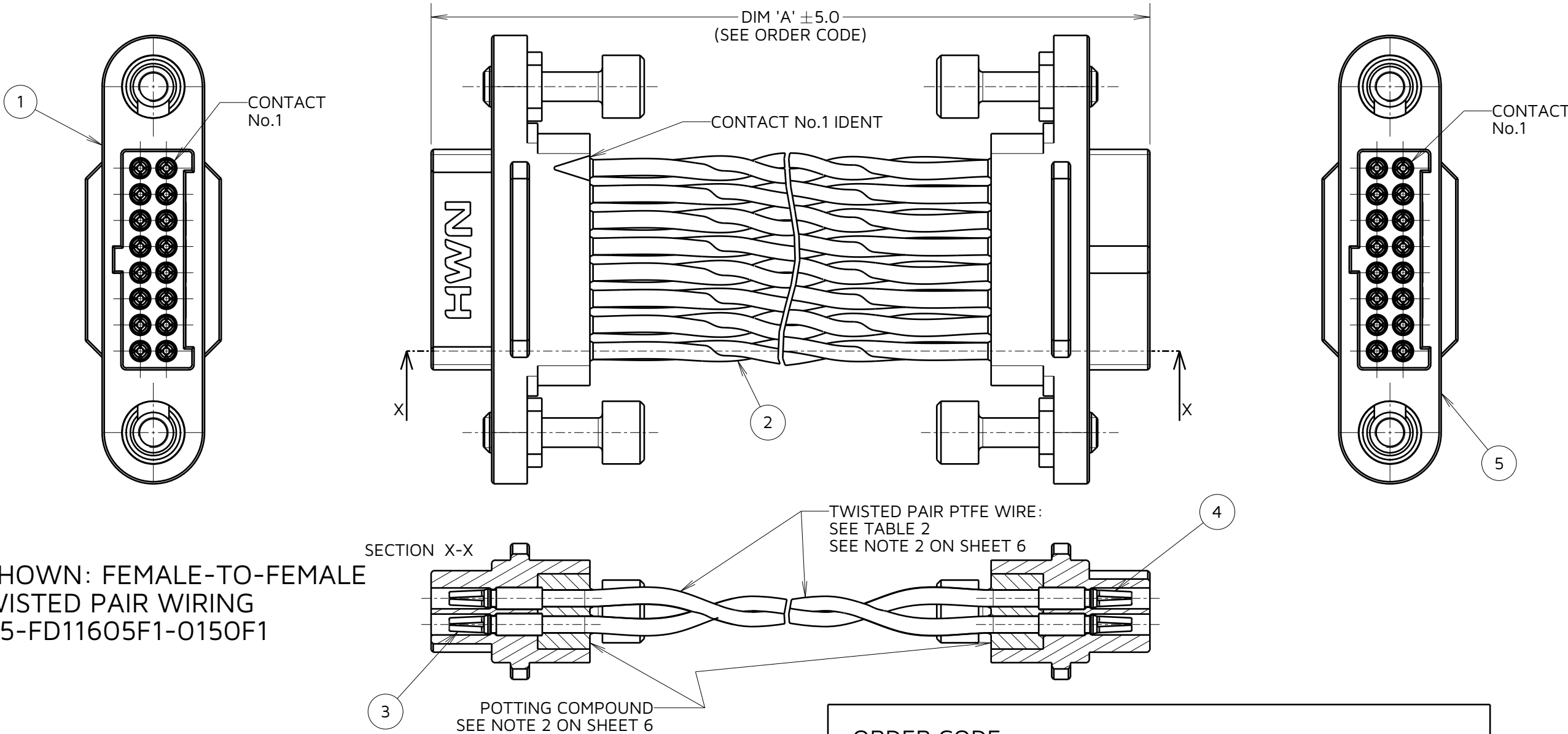
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THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



EXAMPLE SHOWN: FEMALE-TO-FEMALE
TWISTED PAIR WIRING
G125-FD11605F1-0150F1

TABLE 2: TWISTED PAIR CABLE CONFIGURATIONS			
WIRING FOR EXAMPLE PART No. G125-FD10805F1-0150F1			
TWISTED PAIR No.	CONNECTOR PIN No.	TURNS PER INCH	WIRE COLOUR
1	1	3	WHITE & GREEN
	5		
2	2	2	WHITE & RED
	6		
3	3	3	WHITE & GREEN
	7		
4	4	2	WHITE & RED
	8		
FOR CONNECTORS WITH MORE THAN 8 SIGNAL CONTACTS, CONTINUE TWIST & CABLE PIN OUT CONVENTION IN THE SAME PATTERN. (I.E. TWISTED PAIR BETWEEN CONTACT X & CONTACT X)			
SEE BILL OF MATERIALS TABLE ON SHEET 6 FOR TWISTED PAIR PART NUMBERS.			

- NOTES:
- 13. POSSIBLE CONFIGURATIONS: FEMALE-TO-FEMALE, MALE-TO-FEMALE, MALE-TO-MALE.
 - 14. FOR POSSIBLE COMBINATIONS, SEE BOM TABLE ON SHEET 1.
 - 15. ASSEMBLY G125-FC11605F1-0150F1 SHOWN FOR ILLUSTRATIVE PURPOSES ONLY. SEE ORDER CODE FOR PART NUMBER.

ORDER CODE:

G125-XXXXXXXXXX-XXXXXX

CONNECTOR 1: _____
F = FEMALE
M = MALE
WIRING STYLE: _____
C = STANDARD WIRE
D = TWISTED PAIR
WIRE GAUGE: _____
1 = 26AWG
2 = 28AWG
TOTAL No. OF CONTACTS: _____
06, 10, 12, 16,
20, 26, 34, 50

CONNECTOR 2 _____
FIXING STYLE: _____
FO/F1/F2/F3/F5
MO/M1/M2/M3/M5
DIM 'A' LENGTH: _____
0060 = 60mm MIN
9999 = 9999mm MAX
CONNECTOR 1 FIXING STYLE: _____
FO/F1/F2/F3/F5
MO/M1/M2/M3/M5
WIRE COLOUR: _____
05 = WHITE
98 = BLACK
99 = RED

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APPROVED: R.PORTLOCK			
CHECKED: A.BOXALL			
DRAWN: R.PORTLOCK			
ASSEMBLY DRG:			

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X.X = ±0.50mm
X.XX = ±0.20mm
X.XXX = ±0.01mm
ANGLES = ±5°
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MATERIAL:

SEE SHEET 6

TITLE:

GECKO SL
CABLE ASSEMBLY

DRAWING NUMBER:

G125-XXXXXXXXXX-XXXXXX

SHT
8
OF
9

Customer Information Sheet

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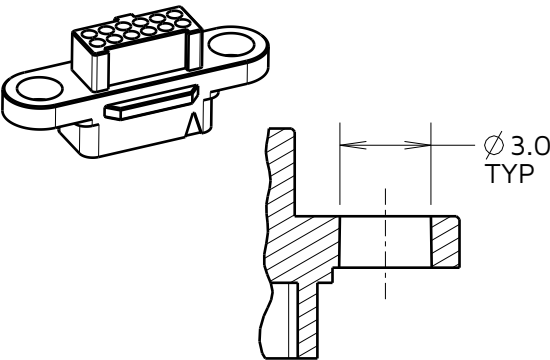
THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

FIXING STYLES

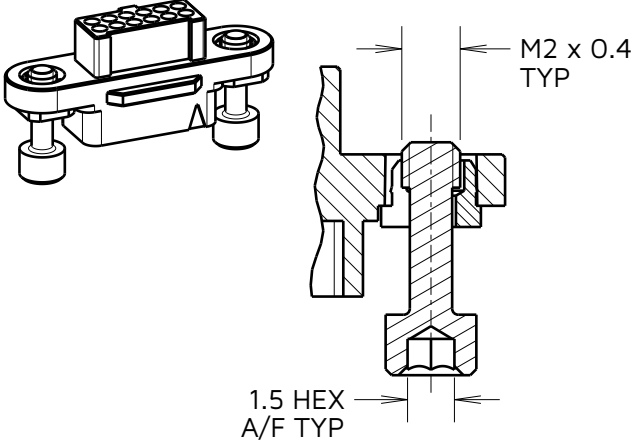
F0

EXAMPLE: G125-224129600



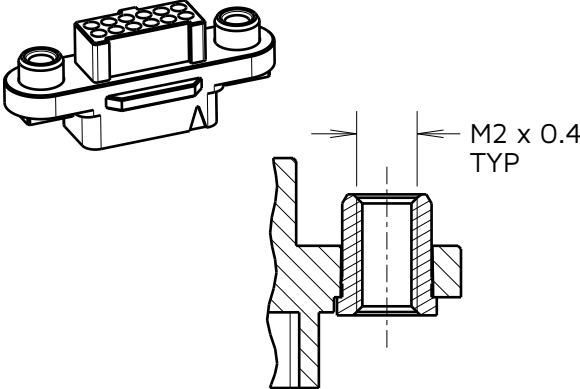
F1

EXAMPLE: G125-2241296F1



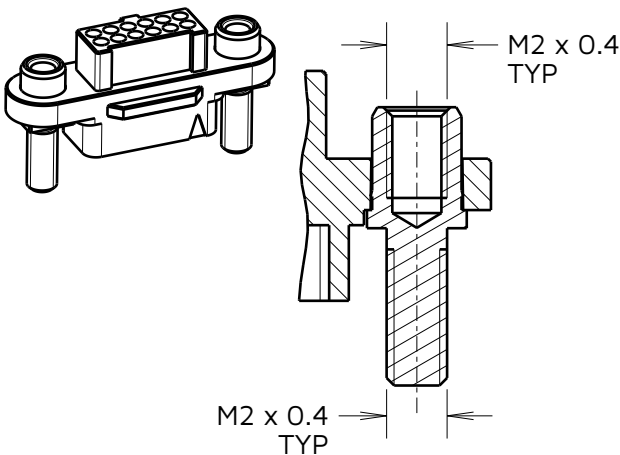
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EXAMPLE: G125-2241296F2



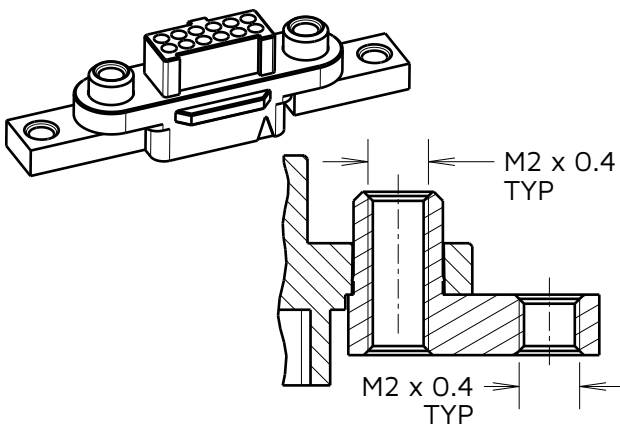
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EXAMPLE: G125-2241296F3



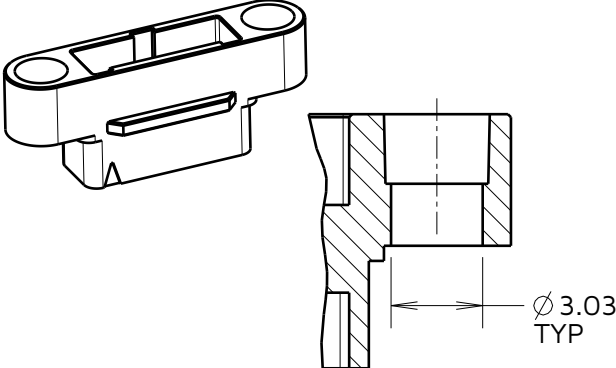
F5

EXAMPLE: G125-2241296F5



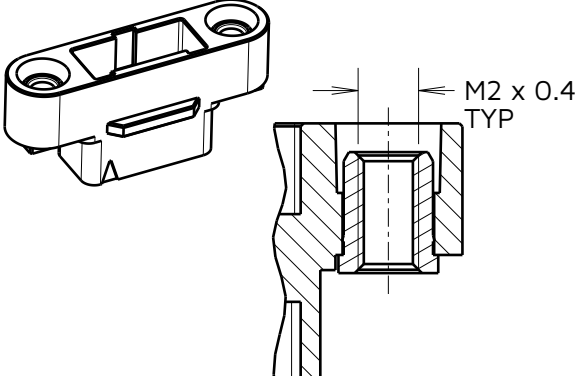
M0

EXAMPLE: G125-324129600



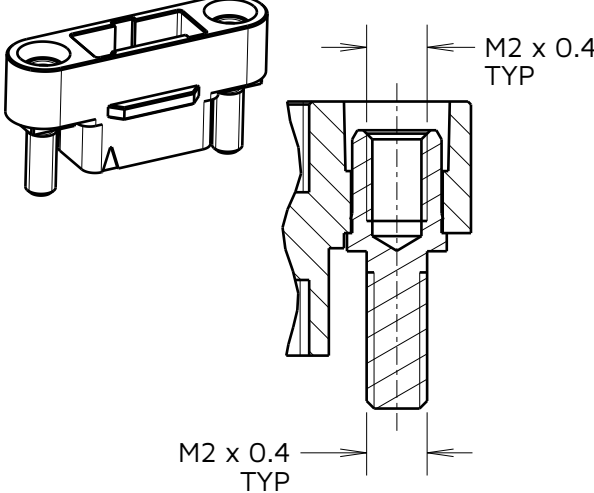
M1

EXAMPLE: G125-3241296M1



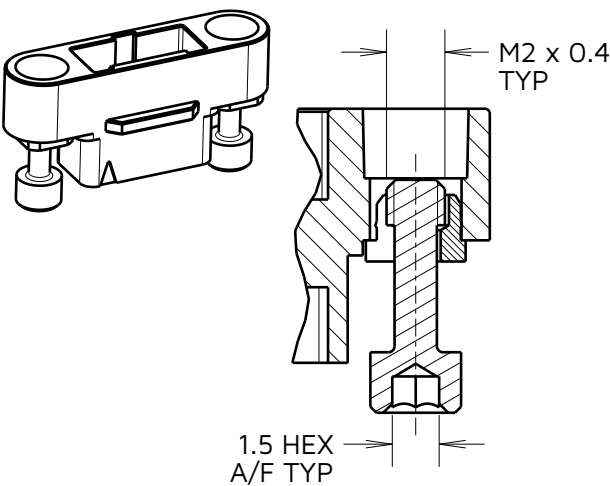
M2

EXAMPLE: G125-3241296M1



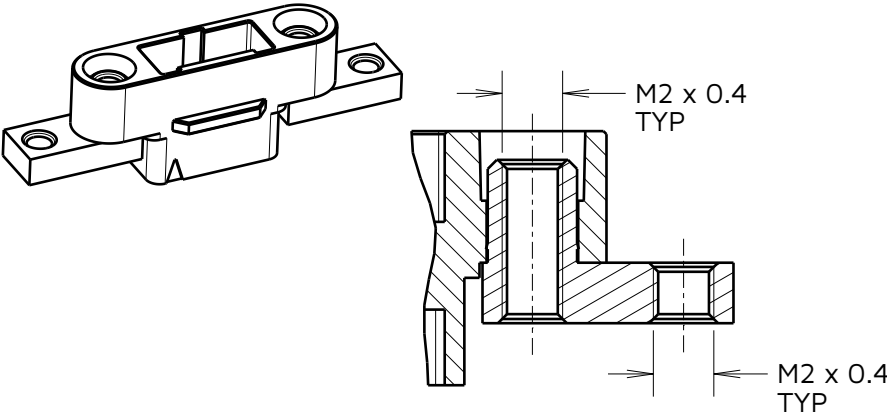
M3

EXAMPLE: G125-3241296M3



M5

EXAMPLE: G125-3241296M5



NOTES:
16. SEE BILL OF MATERIALS TABLE ON SHEET 6 AND ORDER CODE FOR FIXING IDENTIFICATION.

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X.XX = ±0.20mm
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MATERIAL:

SEE SHEET 6

TITLE:

GECKO SL
CABLE ASSEMBLY

DRAWING NUMBER:

G125-XXXXXXXX-XXXXXX

SHT
9
OF
9

RTP	2	21.09.23	33059
NAME	ISS.	DATE	CN/CO
APPROVED: R.PORTLOCK			
CHECKED: A.BOXALL			
DRAWN: R.PORTLOCK			
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Mouser Electronics

Authorized Distributor

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[G125-FC11205F1-0060F1](#) [G125-FC13405F1-0250F1](#) [G125-FC12005F1-0080F1](#)