

# 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		6		7		8	
G125-XXXXXXXX-XX-XXXXXX												CONNECTOR 1 (SEE ORDER CODE FOR TOTAL No. OF CONTACTS)		PTFE WIRE (SIGNAL)		PTFE WIRE (POWER)		CONNECTOR 1 SIGNAL CONTACT (SEE ORDER CODE FOR QTY.)		CONNECTOR 1 POWER CONTACT (SEE ORDER CODE FOR QTY.)		CONNECTOR 2 SIGNAL CONTACT (SEE ORDER CODE FOR QTY.)		CONNECTOR 2 POWER CONTACT (SEE ORDER CODE FOR QTY.)		CONNECTOR 2 (SEE ORDER CODE FOR TOTAL No. OF CONTACTS)	
G125	-	FC FD	1 2	04	05 98 99	1 2 3 5	02	- XXXX	F1 F2 F3 F5	G125-22496F1-XX-XX-00 G125-22496F2-XX-XX-00 G125-22496F3-XX-XX-00 G125-22496F5-XX-XX-00 (SEE TABLE 2)	STANDARD  WHITE WIRE  BLACK WIRE  RED WIRE  (SEE C049XX)	STANDARD  WHITE WIRE  BLACK WIRE  RED WIRE  (SEE C049XX)	FEMALE SIGNAL  26AWG: G125-0010005	FEMALE POWER  18AWG: G125-0500005	FEMALE SIGNAL  26AWG: G125-0010005	FEMALE POWER  18AWG: G125-0500005	G125-22496F1-XX-XX-00 G125-22496F2-XX-XX-00 G125-22496F3-XX-XX-00 G125-22496F5-XX-XX-00 (SEE TABLE 2)										
				04														04									
				08														03									
				24														02									
				16														04									
				08														06									
		MC MD	1 2	04	05 98 99	1 2 3 5	02	- XXXX	M1 M2 M3 M5	G125-32496M1-XX-XX-00 G125-32496M2-XX-XX-00 G125-32496M3-XX-XX-00 G125-32496M5-XX-XX-00 (SEE TABLE 2)	TWISTED PAIRS  2 TURNS PER INCH: WHITE & RED (SEE C049XX)		MALE SIGNAL  26AWG: G125-1010005	MALE POWER  18AWG: G125-1500005	MALE SIGNAL  26AWG: G125-1010005	MALE POWER  18AWG: G125-1500005	G125-32496M1-XX-XX-00 G125-32496M2-XX-XX-00 G125-32496M3-XX-XX-00 G125-32496M5-XX-XX-00 (SEE TABLE 2)										
				04			04																				
				08			03																				
				24			02																				
				16			04																				
				08			06																				
		MC MD	1 2	04		05 98 99	1 2 3 5	02	- XXXX	F1 F2 F3 F5	G125-32496M1-XX-XX-00 G125-32496M2-XX-XX-00 G125-32496M3-XX-XX-00 G125-32496M5-XX-XX-00 (SEE TABLE 2)		3 TURNS PER INCH: WHITE & GREEN (SEE C049XX)	28AWG: G125-1020005	28AWG: G125-1500005	28AWG: G125-1020005	G125-22496F1-XX-XX-00 G125-22496F2-XX-XX-00 G125-22496F3-XX-XX-00 G125-22496F5-XX-XX-00 (SEE TABLE 2)										
				04				04																			
				08				03																			
				24				02																			
				16				04																			
				08				06																			

TABLE 2: AVAILABLE VARIANTS

FEMALE CONNECTOR PART No.	MALE CONNECTOR PART No.	No. OF POWER CONTACTS	No. OF SIGNAL CONTACTS
G125-22496FX-02-04-00	G125-32496MX-02-04-00	02	04
G125-22496FX-04-04-00	G125-32496MX-04-04-00	04	04
G125-22496FX-03-08-00	G125-32496MX-03-08-00	03	08
G125-22496FX-02-24-00	G125-32496MX-02-24-00	02	24
G125-22496FX-04-16-00	G125-32496MX-04-16-00	04	16
G125-22496FX-06-08-00	G125-32496MX-06-08-00	06	08

- 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.
  - WIRING OF CONNECTOR:  
CONTACT A TO CONTACT A,  
CONTACT 1 TO CONTACT 1,  
CONTACT 2 TO CONTACT 2, ETC.
  - FOR ALL HOUSING DIMENSIONS, SEE RESPECTIVE DRAWINGS FOR BOM ITEMS 1 & 8.
  - TWISTED PAIRS ARE ONLY POSSIBLE FOR SIGNAL CABLES. POWER CABLES ARE OFFERED IN THE STANDARD WIRING CONFIGURATION ONLY.
  - TWISTED PAIRS AND COLOURED SIGNAL WIRES FOR THE SAME ASSEMBLY ISN'T POSSIBLE. TWISTED PAIRS ARE COLOUR-CODED FOR TURNS PER INCH (TPI).

## ORDER CODE:

G125-XXXXXXXX-XX-XXXXXX

CONNECTOR 1:

F = FEMALE

M = MALE

WIRING STYLE:

C = STANDARD WIRE

D = TWISTED PAIRS

WIRE GAUGE:

26 AWG = 1

28 AWG = 2

TOTAL No. OF

SIGNAL CONTACTS:

SEE TABLE

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

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

TOTAL No. OF  
POWER CONTACTS:  
SEE TABLE

CONNECTOR 1  
FIXING STYLE:  
1/2/3/5

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-MT SERIES  
DOUBLE-ENDED CABLE ASSEMBLY

### DRAWING NUMBER:

G125-XXXXXXXX-XX-XXXXXX

SHT  
6 OF 9

# Customer Information Sheet

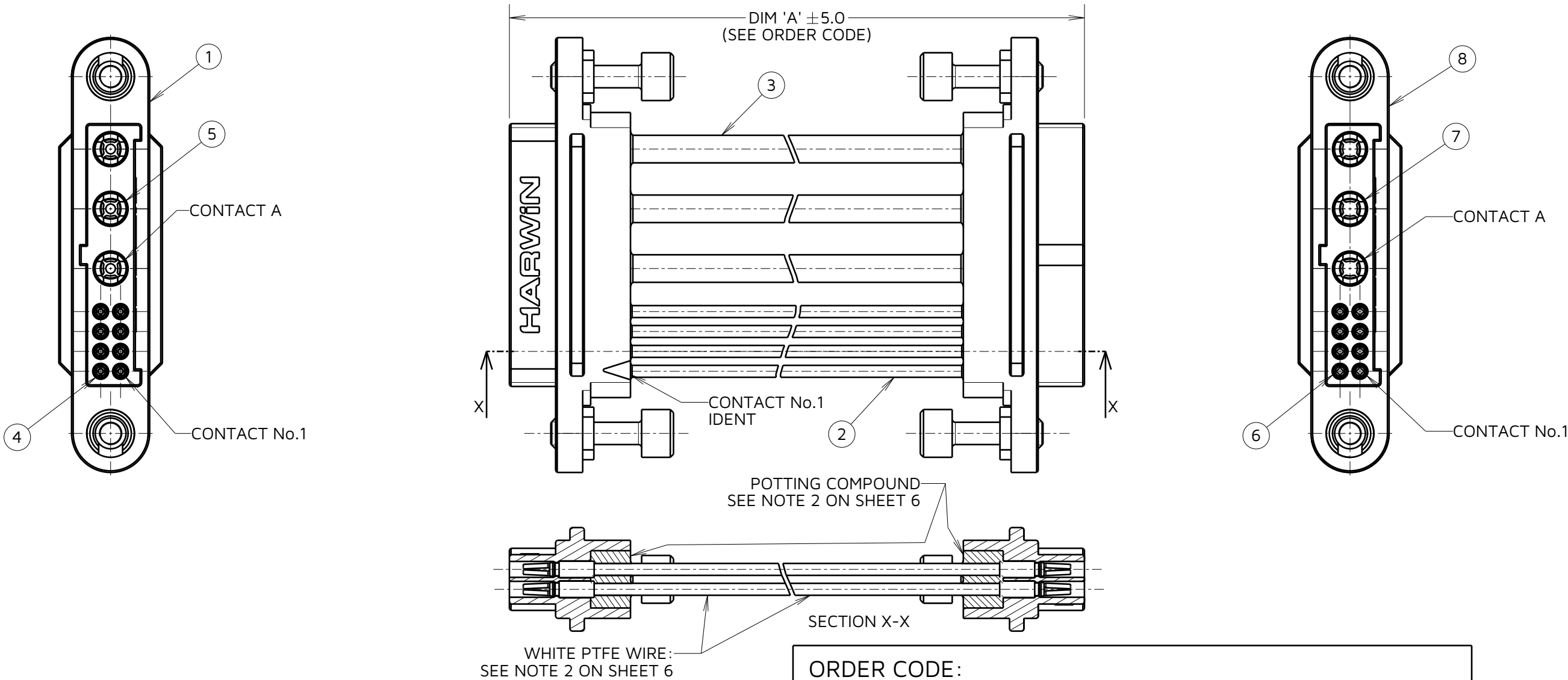
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NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



EXAMPLE SHOWN: FEMALE-TO-FEMALE STANDARD WIRING  
G125-FC108051-03-0150F1

**ORDER CODE:**  
**G125-XXXXXXXX-XX-XXXXXX**

CONNECTOR 1: F = FEMALE M = MALE	CONNECTOR 2 FIXING STYLE: F1/F2/F3/F5/ M1/M2/M3/M5
WIRING STYLE: C = STANDARD WIRE D = TWISTED PAIRS	DIM 'A' LENGTH: 0060 = 60mm MIN 9999 = 9999mm MAX
WIRE GAUGE: 26 AWG = 1 28 AWG = 2	TOTAL No. OF POWER CONTACTS: SEE TABLE
TOTAL No. OF SIGNAL CONTACTS: SEE TABLE	CONNECTOR 1 FIXING STYLE: 1/2/3/5
	WIRE COLOUR: 05 = WHITE 98 = BLACK 99 = RED

- NOTES:
10. POSSIBLE CONFIGURATIONS:  
FEMALE-TO-FEMALE,  
MALE-TO-MALE,  
MALE-TO-FEMALE.
11. FOR POSSIBLE COMBINATIONS, SEE BOM TABLE 1 ON SHEET 6.

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 SHEET 6

TITLE:  
**GECKO-MT SERIES  
DOUBLE-ENDED CABLE ASSEMBLY**  
DRAWING NUMBER:  
**G125-XXXXXXXX-XX-XXXXXX**  
SHT  
7 OF 9

# Customer Information Sheet

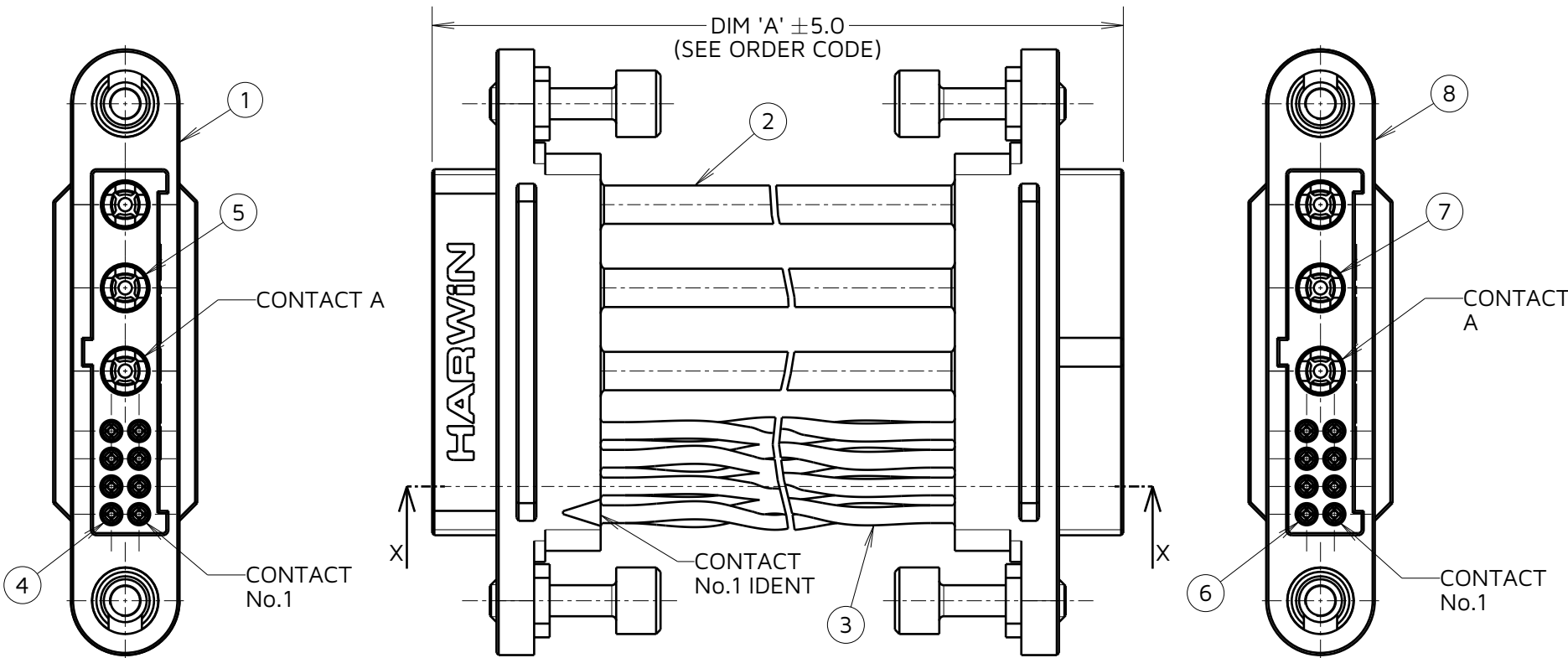
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THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



PTFE TWISTED PAIR WIRE:  
SEE NOTE 2 ON SHEET 6

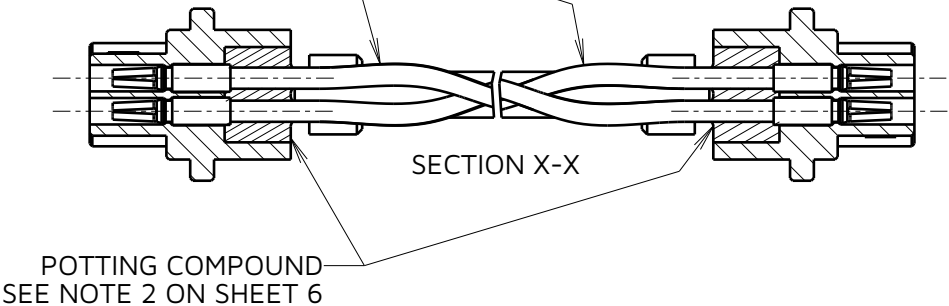


TABLE 3: TWISTED PAIR CABLE CONFIGURATIONS				
WIRING FOR EXAMPLE PART No. G125-FD108051-03-0150F1				
TWISTED PAIR No.	CONNECTOR 1 PIN No.	CONNECTOR 2 PIN No.	TURNS PER INCH	WIRE COLOUR
1	1	1	3	WHITE & GREEN
	5	5		
2	2	2	2	WHITE & RED
	6	6		
3	3	3	3	WHITE & GREEN
	7	7		
4	4	4	2	WHITE & RED
	8	8		
FOR 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.				

EXAMPLE SHOWN: FEMALE-TO-FEMALE TWISTED PAIRS  
G125-FD108051-03-0150F1

ORDER CODE:

G125-XXXXXXXX-XX-XXXXXX

CONNECTOR 1:  
F = FEMALE  
M = MALE

WIRING STYLE:  
C = STANDARD WIRE  
D = TWISTED PAIRS

WIRE GAUGE:  
26 AWG = 1  
28 AWG = 2

TOTAL No. OF  
SIGNAL CONTACTS:  
SEE TABLE

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

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

TOTAL No. OF  
POWER CONTACTS:  
SEE TABLE

CONNECTOR 1  
FIXING STYLE:  
1/2/3/5

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

- NOTES:
12. POSSIBLE CONFIGURATIONS:  
FEMALE-TO-FEMALE,  
MALE-TO-MALE,  
MALE-TO-FEMALE.
13. FOR POSSIBLE COMBINATIONS, SEE BOM TABLE 1 ON SHEET 6.

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TOLERANCES

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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-MT SERIES  
DOUBLE-ENDED CABLE ASSEMBLY

DRAWING NUMBER:

G125-XXXXXXXX-XX-XXXXXX

SHT

8

OF

9

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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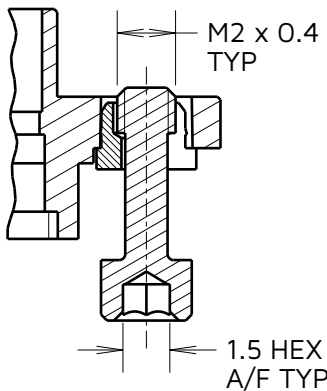
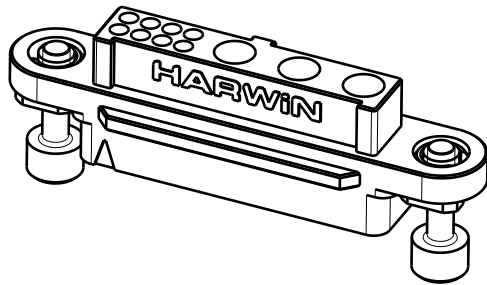
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THIRD ANGLE PROJECTION

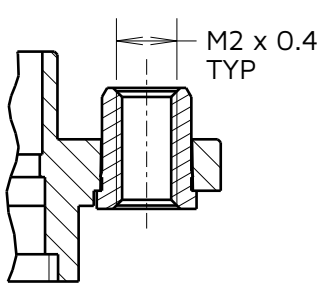
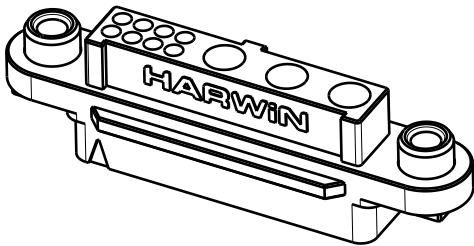
ALL DIMENSIONS IN mm

## FIXING STYLE IDENTIFICATION

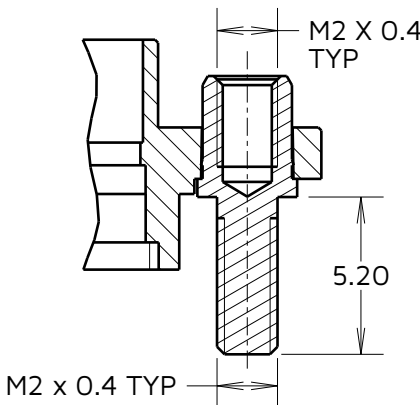
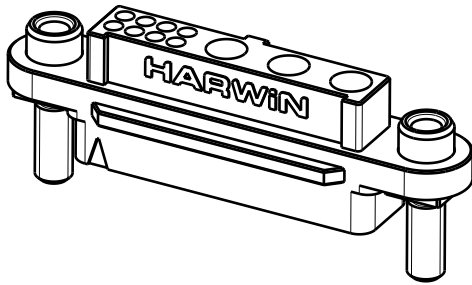
F1  
EXAMPLE: G125-22496F1-03-08-00



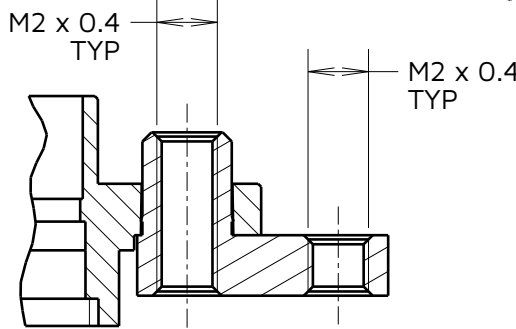
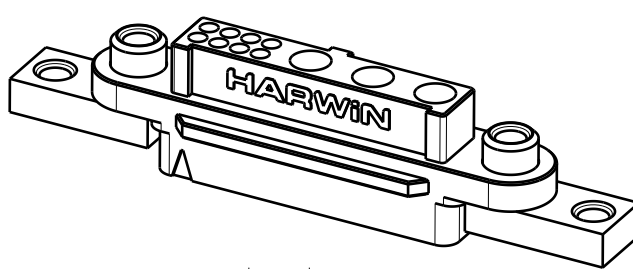
F2  
EXAMPLE: G125-22496F2-03-08-00



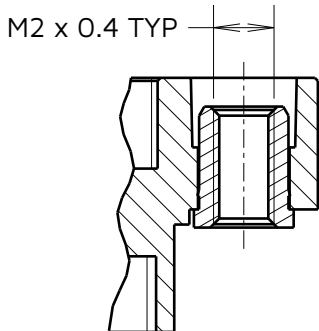
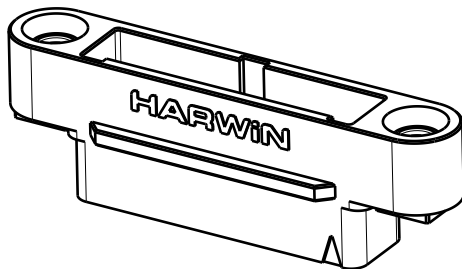
F3  
EXAMPLE: G125-22496F3-03-08-00



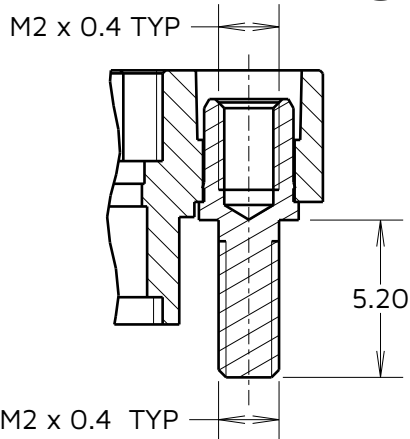
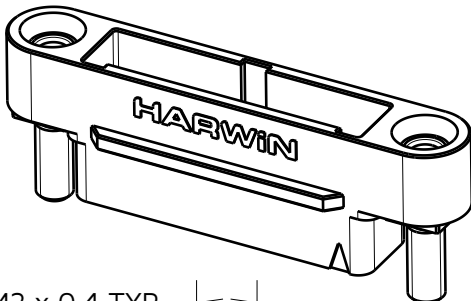
F5  
EXAMPLE: G125-22496F5-03-08-00



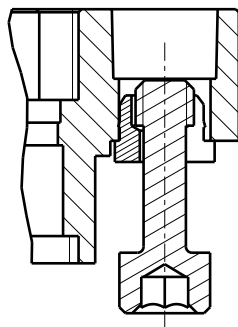
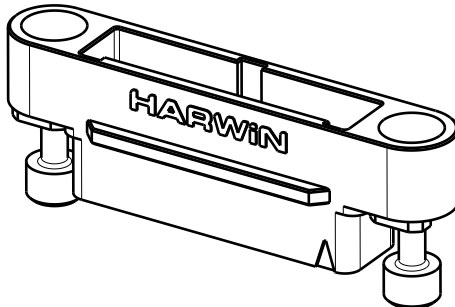
M1  
EXAMPLE: G125-32496M1-03-08-00



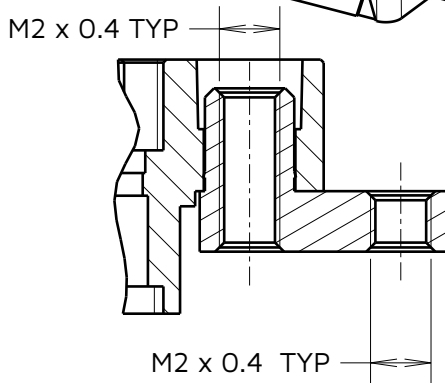
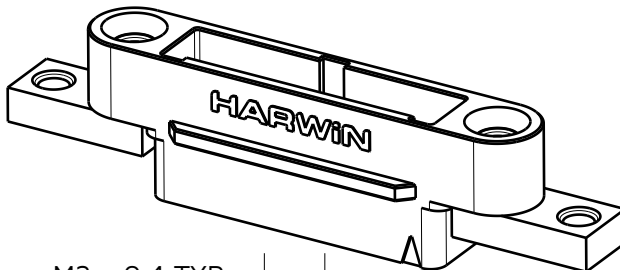
M2  
EXAMPLE: G125-32496M2-03-08-00



M3  
EXAMPLE: G125-32496M3-03-08-00



M5  
EXAMPLE: G125-32496M5-03-08-00



NOTES:  
14. SEE BILL OF MATERIALS TABLE ON SHEET 6 AND ORDER CODE FOR FIXING IDENTIFICATION.  
15. FURTHER DETAILS (INCLUDING PANEL CUT OUT DIMENSIONS FOR 'F5'/'M5') CAN BE FOUND ON THE RESPECTIVE CONNECTOR WITH HARDWARE DRAWINGS (EG. G125-22496F5-XX-XX-00 FOR F5).

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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 6

TITLE:  
**GECKO-MT SERIES  
DOUBLE-ENDED CABLE ASSEMBLY**  
DRAWING NUMBER:  
**G125-XXXXXXXX-XX-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			
ASSEMBLY DRG:			