

# 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	9	
G125-XXXXX69XX-XXXXXX										CONNECTOR 1 (SEE ORDER CODE FOR TOTAL No. OF CONTACTS)	CONNECTOR 1 CONTACT (SEE ORDER CODE FOR QTY.)	CONNECTOR 1 BACKSHELL	TIN-PLATED BRAID	BAND-IT TIE	PTFE WIRE	CONNECTOR 2 BACKSHELL	CONNECTOR 2 CONTACT (SEE ORDER CODE FOR QTY.)	CONNECTOR 2 (SEE ORDER CODE FOR TOTAL No. OF CONTACTS)	
G125	-	FC FD	1	06 10 12 16 20 26 34 50	69	-	XXXX	F1	F1	G125-224XX9600	G125-0010005 G125-0020005	G125-964XXF1				G125-964XXF1	G125-0010005 G125-0020005	G125-224XX9600	
		MC MD	2					M1 M3	M1 M3 F1	G125-324XX96M1 G125-324XX9600 (FOR M3)	G125-1010005 G125-1020005	G125-964XX00 G125-964XXF1 (FOR M3)	SEE C049XX	M80-9470000 M80-9480000	SEE C049XX	G125-964XX00 G125-964XXF1 (FOR F1 & M3)	G125-1010005 G125-1020005	G125-324XX96M1 G125-324XX9600 (FOR F1 & M3)	

ORDER CODE:

**G125-XXXXX69XX-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:  
F1 = SCREW LOK  
M1 = SCREW LOK  
M3 = SCREW LOK REVERSE FIX

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

CONNECTOR 1 FIXING STYLE:  
F1 = SCREW LOK  
M1 = SCREW LOK  
M3 = SCREW LOK REVERSE FIX

69 = TIN-PLATED  
BRAIDING  
(SEE NOTE 1)

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 1 TO CONTACT 1  
CONTACT 2 TO CONTACT 2, ETC.
- FOR ALL HOUSING DIMENSIONS, SEE RESPECTIVE DRAWINGS FOR BOM ITEMS 1&9.

RTP	2	12.06.24	33917
NAME	ISS.	DATE	CN/CO
APPROVED: R.PORTLOCK			
CHECKED: A.BOXALL			
DRAWN: A.BOXALL			
ASSEMBLY DRG:			

**HARWIN**

www.harwin.com

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 ABOVE

TITLE:  
**G125 DOUBLE ENDED SHIELDED  
CABLE ASSEMBLIES - SL**

DRAWING NUMBER:  
**G125-XXXXX69XX-XXXXXX**

SHT  
6 OF 9

# Customer Information Sheet

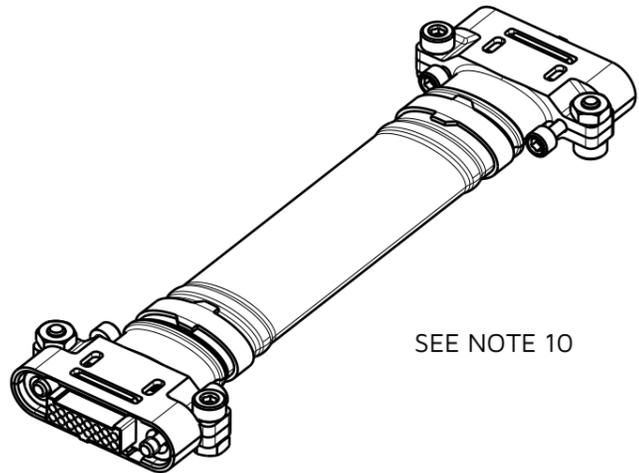
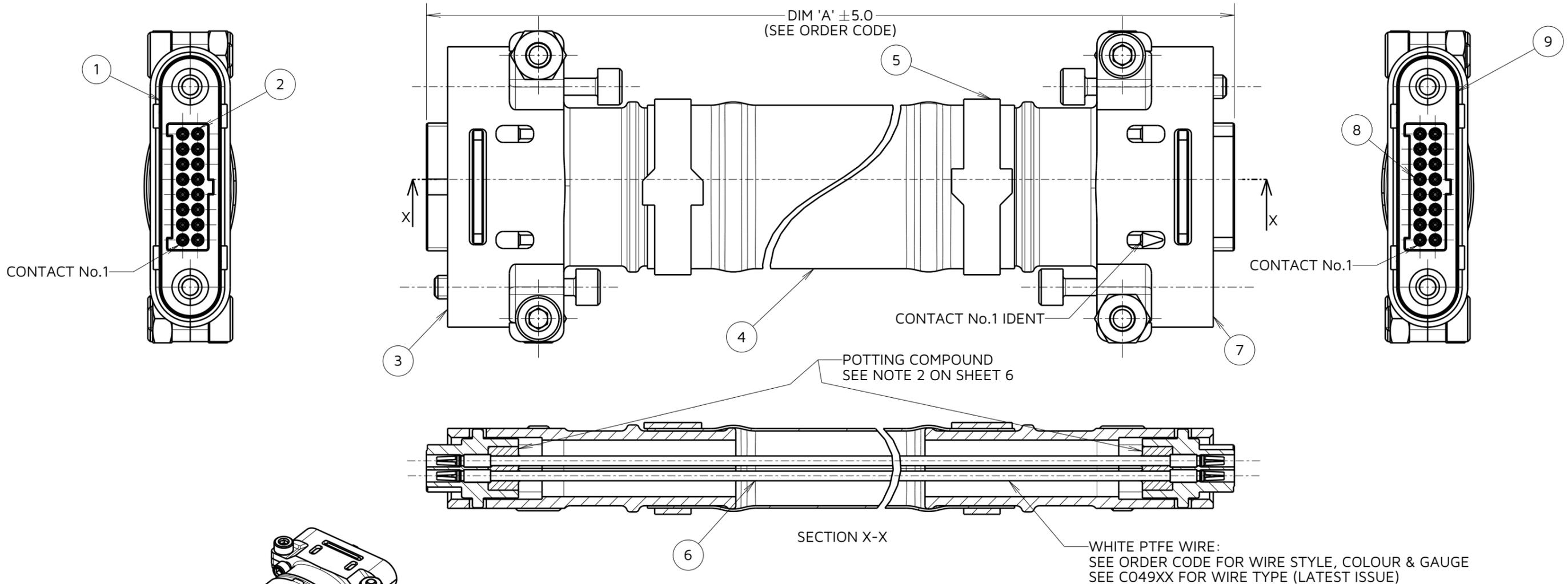
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NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



SEE NOTE 10

**EXAMPLE SHOWN: FEMALE-TO-FEMALE  
STANDARD WIRING  
G125-FC11669F1-0150F1**

**ORDER CODE:**  
**G125-XXXXX69XX-XXXXXX**

CONNECTOR 1: F = FEMALE M = MALE	CONNECTOR 2 FIXING STYLE: F1 = SCREW LOK M1 = SCREW LOK M3 = SCREW LOK REVERSE FIX
WIRING STYLE: C = STANDARD WIRE D = TWISTED PAIR	DIM 'A' LENGTH: 0060 = 60mm MIN 9999 = 9999mm MAX
WIRE GAUGE: 1 = 26AWG 2 = 28AWG	CONNECTOR 1 FIXING STYLE: F1 = SCREW LOK M1 = SCREW LOK M3 = SCREW LOK REVERSE FIX
TOTAL No. OF CONTACTS: 06, 10, 12, 16, 20, 26, 34, 50	69 = TIN-PLATED BRAIDING (SEE NOTE 1)

- NOTES:**
- POSSIBLE CONFIGURATIONS:  
FEMALE-TO-FEMALE  
MALE-TO-MALE  
MALE-TO-FEMALE
  - FOR POSSIBLE COMBINATIONS, SEE TABLE 1 ON SHEET 6.
  - ASSEMBLY G125-FC11669F1-0150F1 IS SHOWN FOR ILLUSTRATIVE PURPOSES.  
SEE ORDER CODE FOR PART NUMBER.

RTP	2	12.06.24	33917
NAME	ISS.	DATE	CN/CO
APPROVED: R.PORTLOCK			
CHECKED: A.BOXALL			
DRAWN: A.BOXALL			
ASSEMBLY DRG:			

# Customer Information Sheet

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THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

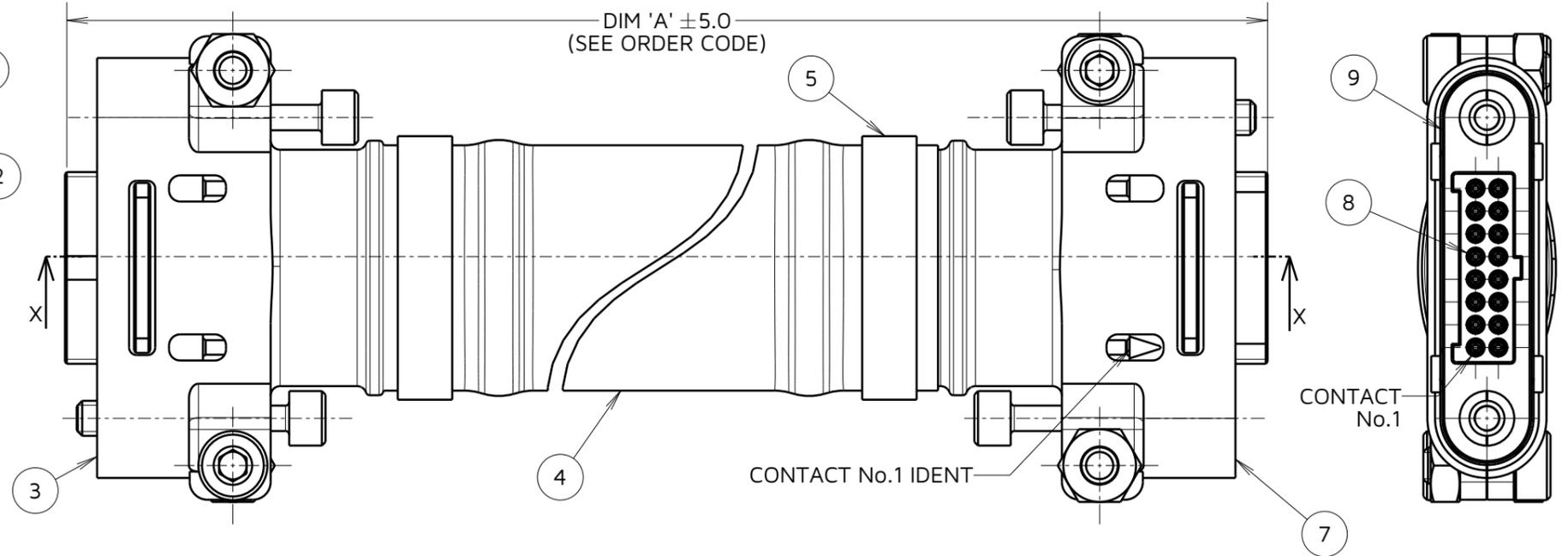
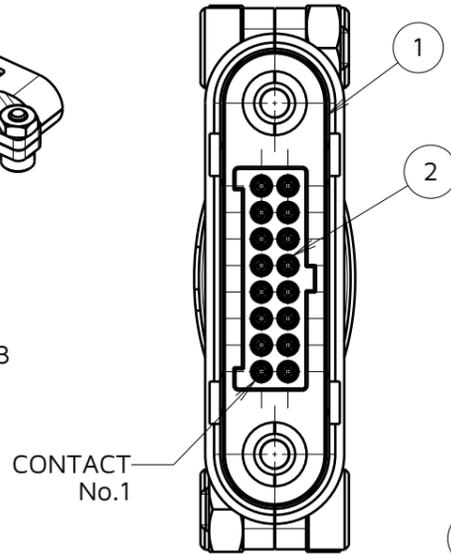
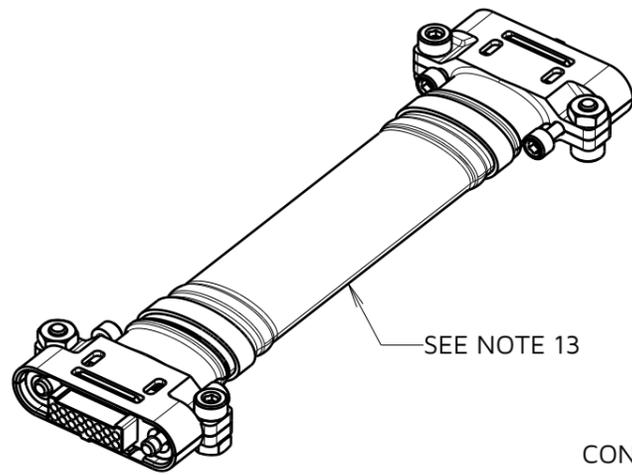
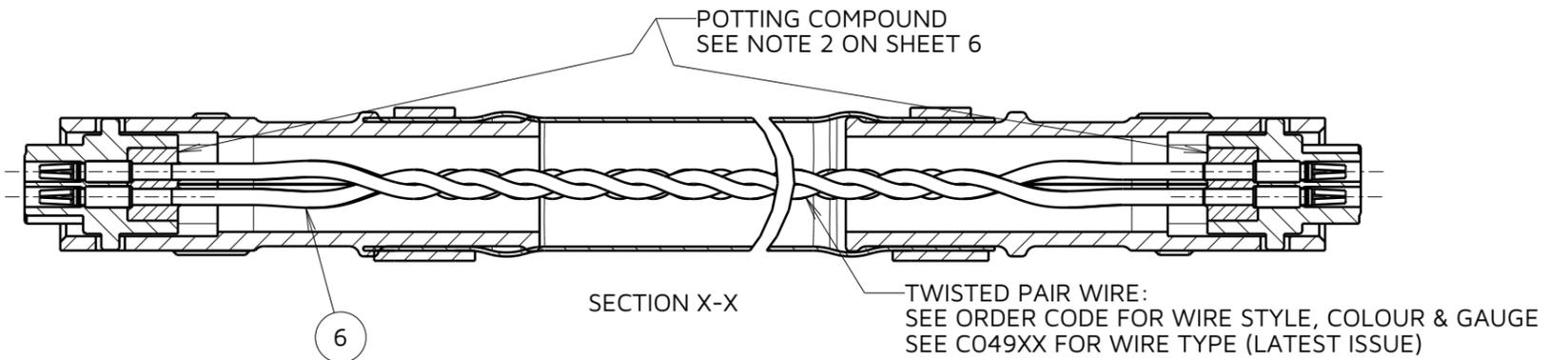


TABLE 2: TWISTED PAIR CABLE CONFIGURATIONS				
WIRING FOR EXAMPLE PART No. G125-FD11669F1-0150F1				
TWISTED PAIR No.	CONNECTOR 1 PIN No.	CONNECTOR 2 PIN No.	TURNS PER INCH	WIRE COLOUR
1	1	1	3	WHITE & GREEN
	9	9		
2	2	2	2	WHITE & RED
	10	10		
3	3	3	3	WHITE & GREEN
	11	11		
4	4	4	2	WHITE & RED
	12	12		
5	5	5	3	WHITE & GREEN
	13	13		
6	6	6	2	WHITE & RED
	14	14		
7	7	7	3	WHITE & GREEN
	15	15		
8	8	8	2	WHITE & RED
	16	16		

FOR CONNECTORS WITH MORE THAN 16 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-FD11669F1-0150F1**

**ORDER CODE:**  
**G125-XXXXX69XX-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: \_\_\_\_\_  
 F1 = SCREW LOK  
 M1 = SCREW LOK  
 M3 = SCREW LOK REVERSE FIX

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

CONNECTOR 1 FIXING STYLE: \_\_\_\_\_  
 F1 = SCREW LOK  
 M1 = SCREW LOK  
 M3 = SCREW LOK REVERSE FIX

69 = TIN-PLATED BRAIDING (SEE NOTE 1)

- NOTES:
- POSSIBLE CONFIGURATIONS:  
 FEMALE-TO-FEMALE  
 MALE-TO-MALE  
 MALE-TO-FEMALE
  - FOR POSSIBLE COMBINATIONS, SEE TABLE 1 ON SHEET 6.
  - ASSEMBLY G125-FD11669F1-0150F1 IS SHOWN FOR ILLUSTRATIVE PURPOSES. SEE ORDER CODE FOR PART NUMBER.

RTP	2	12.06.24	33917
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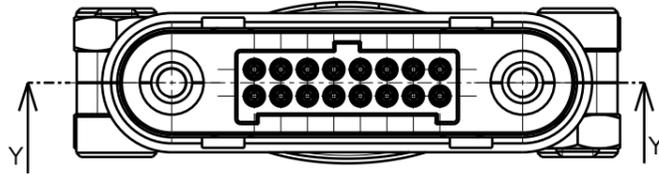
THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

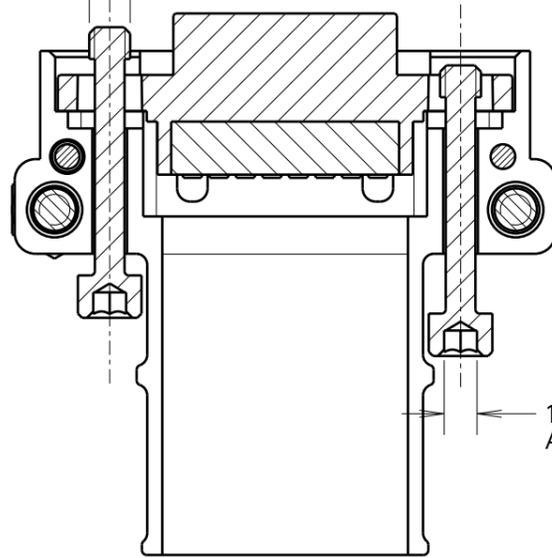
## FIXING STYLE IDENTIFICATION

FEMALE

F1

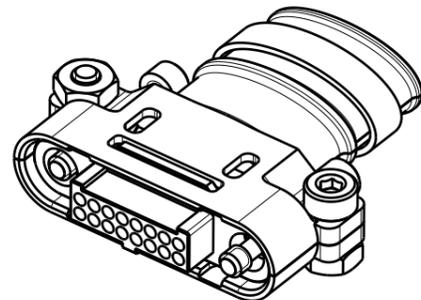


M2 x 0.4 TYP



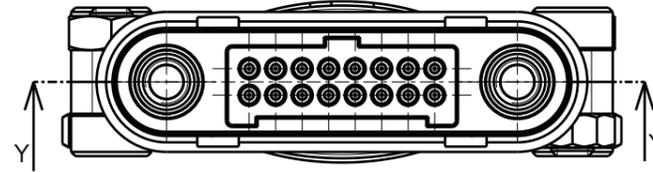
1.5 HEX  
A/F TYP

SECTION Y-Y



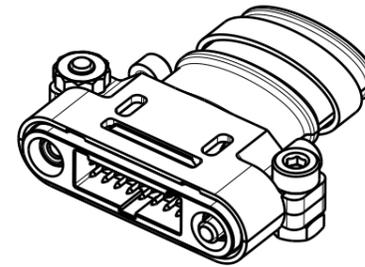
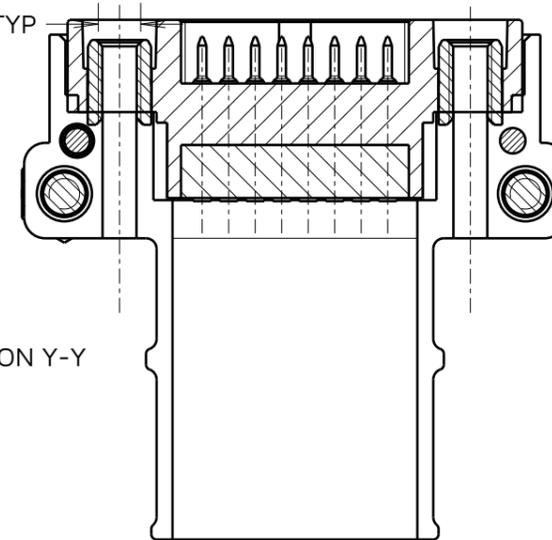
NOTES:  
14: SEE BILL OF MATERIALS TABLE ON SHEET 6 AND ORDER CODE FOR FIXING IDENTIFICATION.

M1

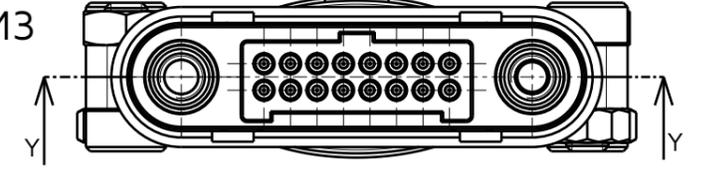


M2 x 0.4 TYP

SECTION Y-Y

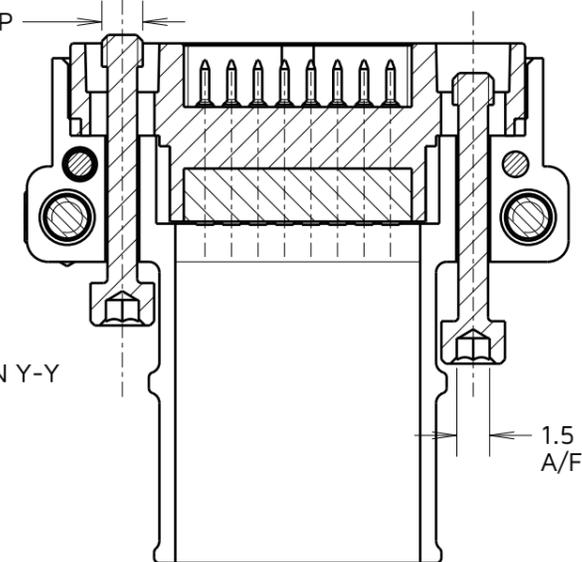


M3

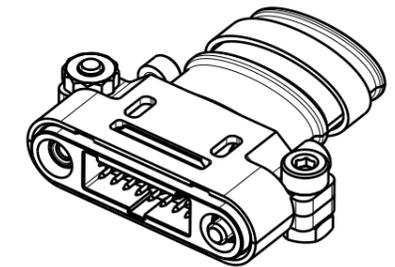


M2 x 0.4 TYP

SECTION Y-Y



1.5 HEX  
A/F TYP



MALE

ORDER CODE:

**G125-XXXXX69XX-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

69 = TIN-PLATED  
BRAIDING  
(SEE NOTE 1)

CONNECTOR 2 FIXING STYLE:

F1 = SCREW LOK  
M1 = SCREW LOK  
M3 = SCREW LOK REVERSE FIX

DIM 'A' LENGTH:

0060 = 60mm MIN  
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**HARWIN**

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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:

**G125 DOUBLE ENDED SHIELDED  
CABLE ASSEMBLIES - SL**

DRAWING NUMBER:

**G125-XXXXX69XX-XXXXXX**

SHT  
9  
OF  
9