

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											TABLE 1: CONFIGURATIONS & BILL OF MATERIALS						
M300-XCXXXXXXXX-XXXXXX											BOM ITEM No.						
											1	2	3	4	5		
											CONNECTOR 1 (SEE ORDER CODE FOR TOTAL No. OF CONTACTS)	CONNECTOR 1 CONTACT (SEE ORDER CODE FOR QTY.) SEE NOTE 10	WIRE (SEE ORDER CODE FOR COLOUR OPTIONS) SEE NOTE 9 & 10	CONNECTOR 2 (SEE ORDER CODE FOR TOTAL No. OF CONTACTS)	CONNECTOR 2 CONTACT (SEE ORDER CODE FOR QTY.) SEE NOTE 10		
M300	-	F	C	1 2 3	06 10	05 98 99	F2	-	XXXX	F2	M300-224XX96F2 M300-2250396F2	M300-0010045 M300-0020045	18 AWG 20 AWG 22 AWG	M300-224XX96F2 M300-2250396F2	M300-0010045 M300-0020045		
				5 6 7	03												
		M		1 2 3	06 10		M1 M2			F2 M1 M2	M300-324XX96M1 M300-3250396M1	M300-1010045 M300-1020045					
				5 6 7	03									M300-324XX96M1 M300-3250396M1 M300-324XX96M2 M300-3250396M2	M300-1010045 M300-1020045		

ORDER CODE:

M300-XCXXXXXXXX-XXXXXX

GENDER:

F = FEMALE
M = MALE

WIRE GAUGE:

1 = 18 AWG DIL
2 = 20 AWG DIL
3 = 22 AWG DIL
5 = 18 AWG SIL
6 = 20 AWG SIL
7 = 22 AWG SIL

No. OF CONTACTS:

03 = 3 CONTACTS (SIL ONLY)
06 = 6 CONTACTS (DIL ONLY)
10 = 10 CONTACTS (DIL ONLY)

FIXING STYLE:

F2 = JACKSCREWS
M1 = JACKSCREWS
M2 = PANEL MOUNT

DIM'A' CABLE LENGTH:

0060 = 60mm (MIN)
9999 = 9999mm (MAX)

FIXING STYLE:

F2 = JACKSCREWS
M1 = JACKSCREWS
M2 = PANEL MOUNT

WIRE COLOUR:

05 = WHITE
98 = BLACK
99 = RED

- NOTES:
- FOR ELECTRICAL AND MECHANICAL PERFORMANCE, SEE C048XX (LATEST ISSUE).
 - FOR FULL WIRING SPECIFICATION AND POTTING COMPOUND, SEE COMPONENT SPECIFICATION C049XX (LATEST ISSUE).
 - SEE SHEET 2 FOR ASSEMBLIES.
 - SEE SHEET 3 FOR CONTACT IDENTIFICATION AND HANDLING GUIDELINES.
 - SEE SHEET 4 FOR FIXING STYLE IDENTIFICATION.
 - FOR ALL HOUSING DIMENSIONS (BOM ITEM 1), SEE RESPECTIVE DRAWINGS.
 - ALL ASSEMBLIES SHOWN FOR ILLUSTRATIVE PURPOSES AND WILL DIFFER ON A PART No. BASIS.

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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 ABOVE

TITLE:

M300 DOUBLE ENDED
CABLE ASSEMBLY

DRAWING NUMBER:

M300-XCXXXXXXXX-XXXXXX

SHT

5

OF

8

FC	1	04.07.24	34330
NAME	ISS.	DATE	CN/CO
APPROVED:		R.PORTLOCK	
CHECKED:		A.YEOMANS	
DRAWN:		F.CHRISPINE	
ASSEMBLY DRG:			
-			

Customer Information Sheet

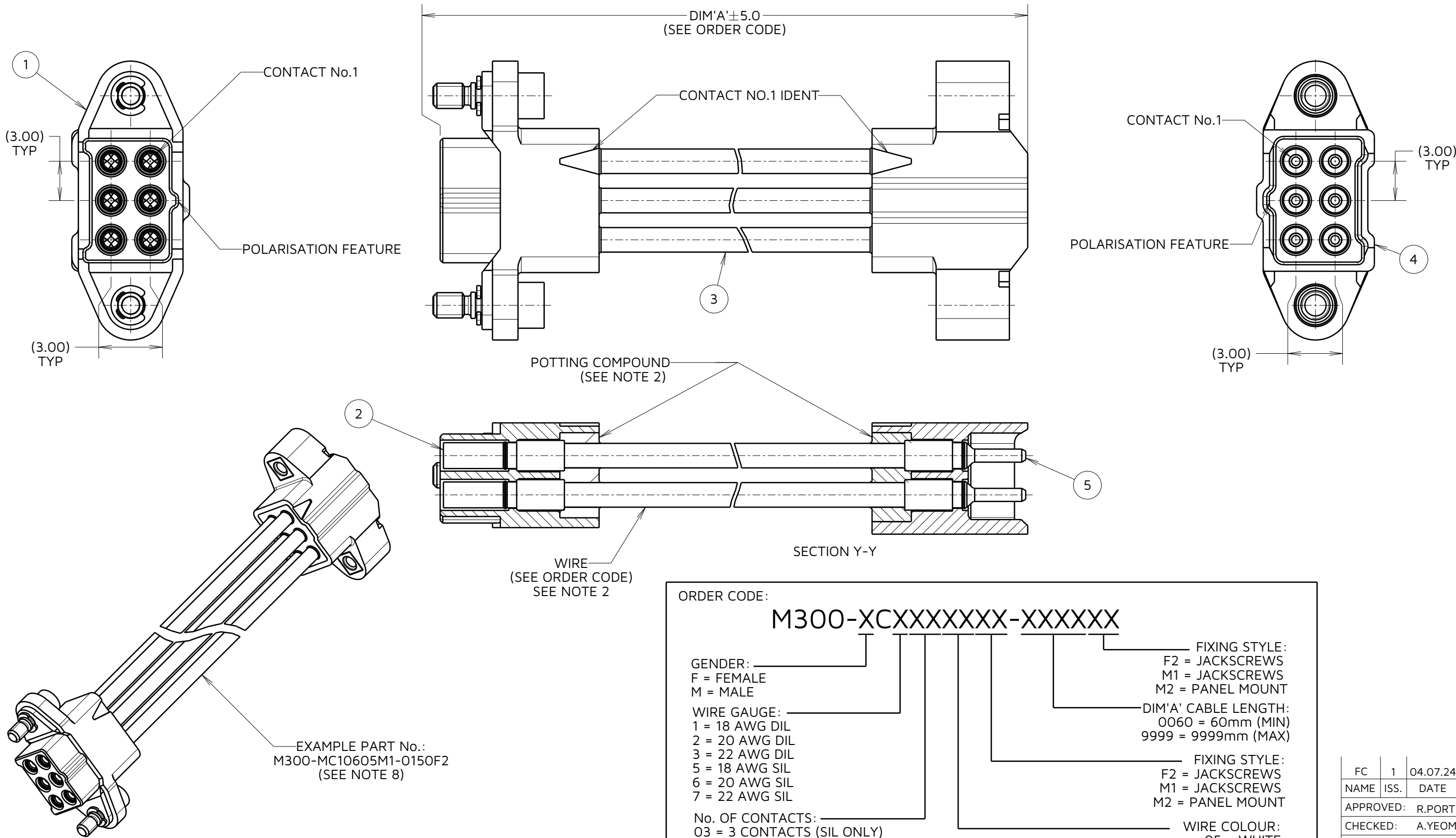
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ALL DIMENSIONS IN mm



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M300-XCXXXXXXXX-XXXXXX

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NOTES:
9. SEE SHEET 7 FOR HOUSING AND FIXING IDENTIFICATION.
10. SEE SHEET 8 FOR CONTACT IDENTIFICATION.
11. ONLY CONTACTS COMPATIBLE WITH THE SAME WIRE CAN BE COMBINED IN AN ASSEMBLY.
12. FOR PTFE INSULATED WIRE MAXIMUM INSULATION DIAMETER SEE COMPONENT SPECIFICATION CO48XX (LATEST ISSUE).

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X.XXX = ±0.01mm
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MATERIAL:

SEE SHEET 5

TITLE:
M300 DOUBLE ENDED
CABLE ASSEMBLY

DRAWING NUMBER:
M300-XCXXXXXXXX-XXXXXX

SHT
6
OF
8

FC	1	04.07.24	34330
NAME	ISS.	DATE	CN/CO
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ASSEMBLY DRG:		-	

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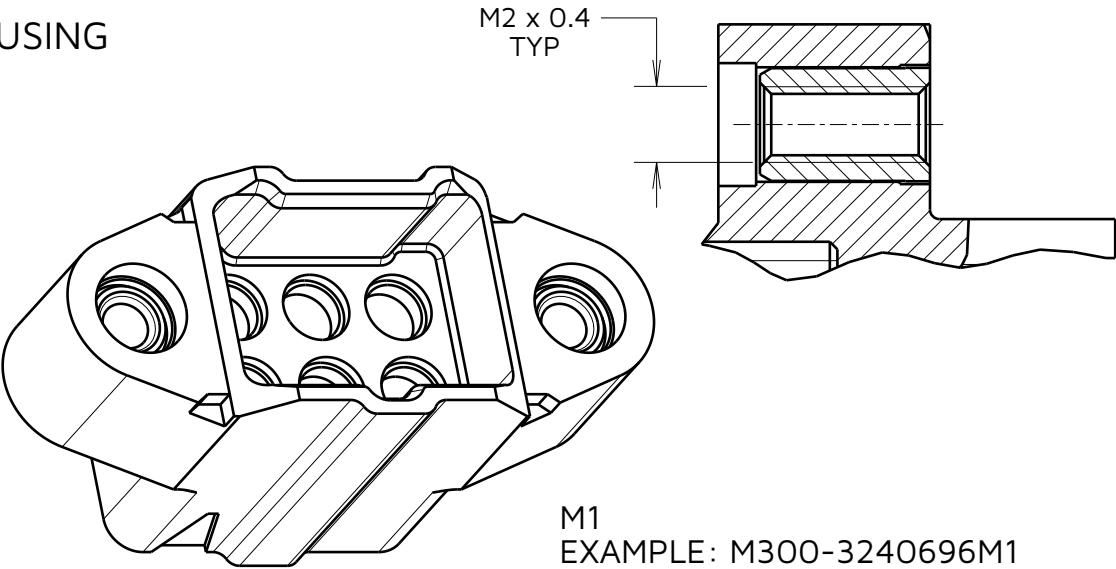
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NOT TO SCALE

THIRD ANGLE PROJECTION

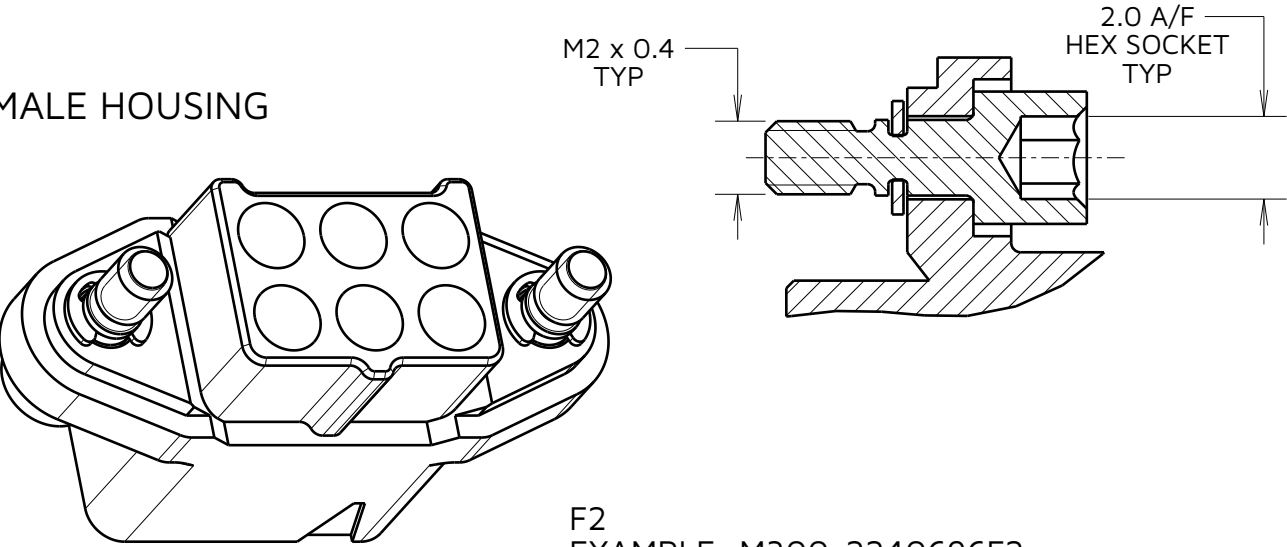
ALL DIMENSIONS IN mm

MALE HOUSING

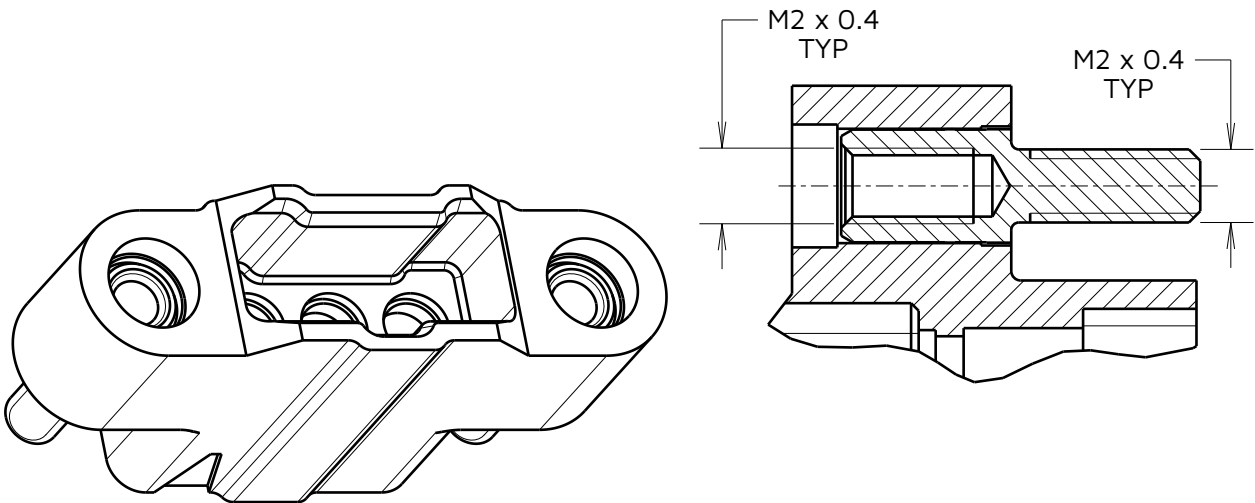


M1
EXAMPLE: M300-3240696M1

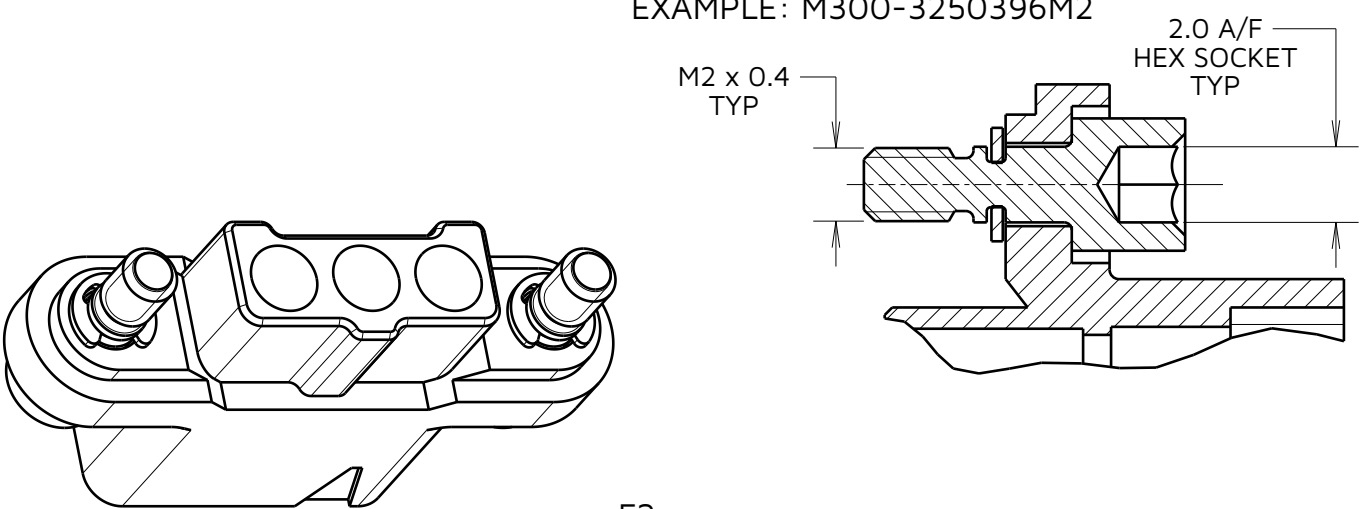
FEMALE HOUSING



F2
EXAMPLE: M300-2240696F2



M2
EXAMPLE: M300-3250396M2



F2
EXAMPLE: M300-2250396F2

ORDER CODE:

M300-XCXXXXXXXX-XXXXXX

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M = MALE

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99 = RED

HOUSING AND FIXING IDENTIFICATION

NOTES:
13. SEE TABLE 1 ON SHEET 5 AND ORDER CODE FOR FIXING IDENTIFICATION.
14. HOUSING IDENTIFICATION SHOWN FOR ILLUSTRATIVE PURPOSES AND WILL DIFFER ON A PART No. BASIS. SEE ORDER CODE FOR AVAILABILITY.

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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:
M300 DOUBLE ENDED
CABLE ASSEMBLY

DRAWING NUMBER:
M300-XCXXXXXXXX-XXXXXX

SHT
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OF
8

FC	1	04.07.24	34330
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ASSEMBLY DRG:			

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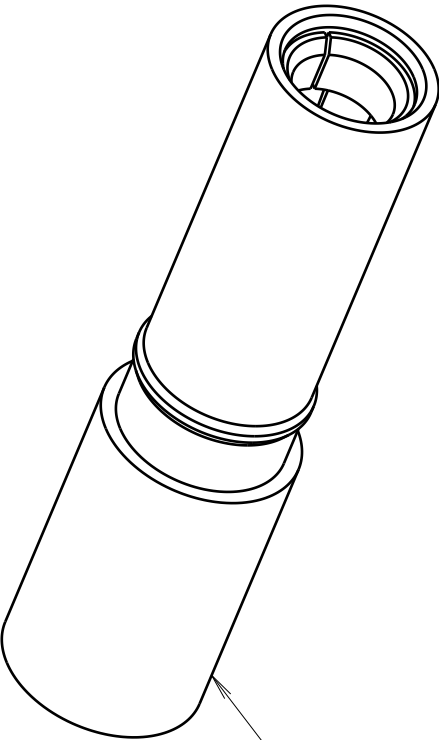
THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

CONTACT IDENTIFICATION

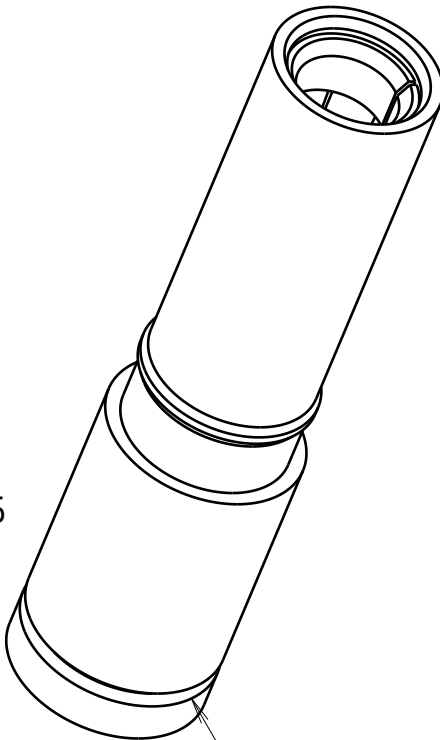
FEMALE CONTACTS

PART No.: M300-0010045



NO IDENT FEATURE
FOR 18 & 20AWG
QTY = TOTAL No. CONTACTS
(SEE ORDER CODE)

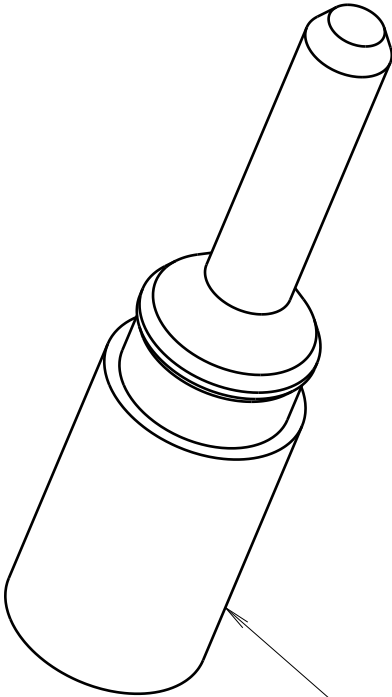
PART No.: M300-0020045



IDENT FEATURE
FOR 22 AWG
QTY = TOTAL No. CONTACTS
(SEE ORDER CODE)

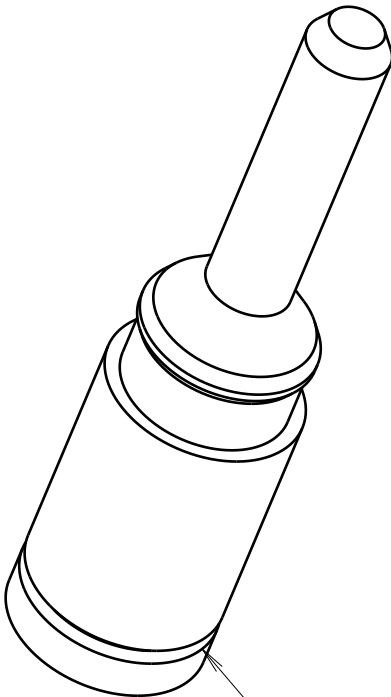
MALE CONTACTS

PART No.: M300-1010045



NO IDENT FEATURE
FOR 18 & 20AWG
QTY = TOTAL No. CONTACTS
(SEE ORDER CODE)

PART No.: M300-1020045



IDENT FEATURE
FOR 22 AWG
QTY = TOTAL No. CONTACTS
(SEE ORDER CODE)

FC	1	04.07.24	34330
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ASSEMBLY DRG:		-	

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SEE SHEET 5

TITLE:

**M300 DOUBLE ENDED
CABLE ASSEMBLY**

DRAWING NUMBER:

M300-XCXXXXXXXX-XXXXXX

SHT
8
OF
8