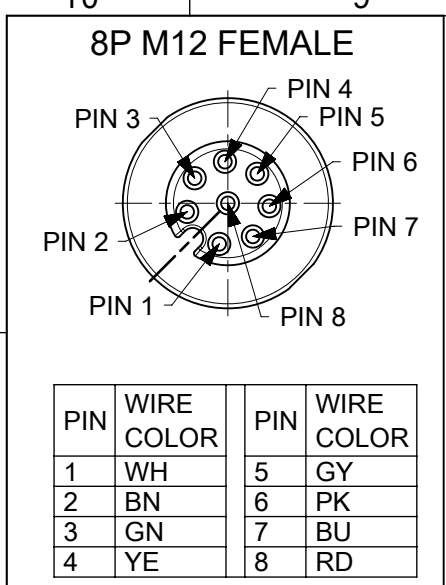


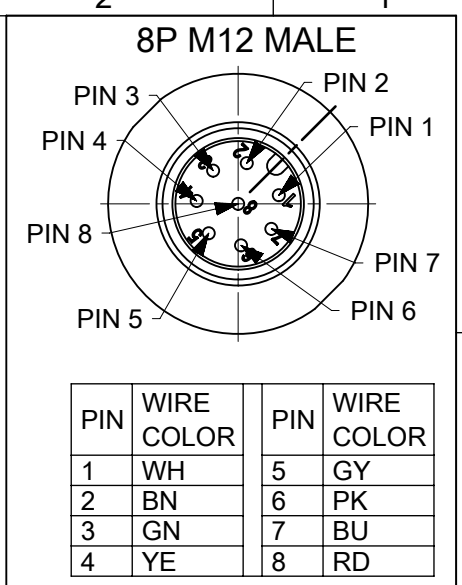
Diagram illustrating the 8P M12 FEMALE connector pinout. The pins are numbered 1 through 8, and the corresponding wire colors are listed in the table below:

PIN	WIRE COLOR
1	WH
2	BN
3	GN
4	YE
5	GY
6	PK
7	BU
8	RD



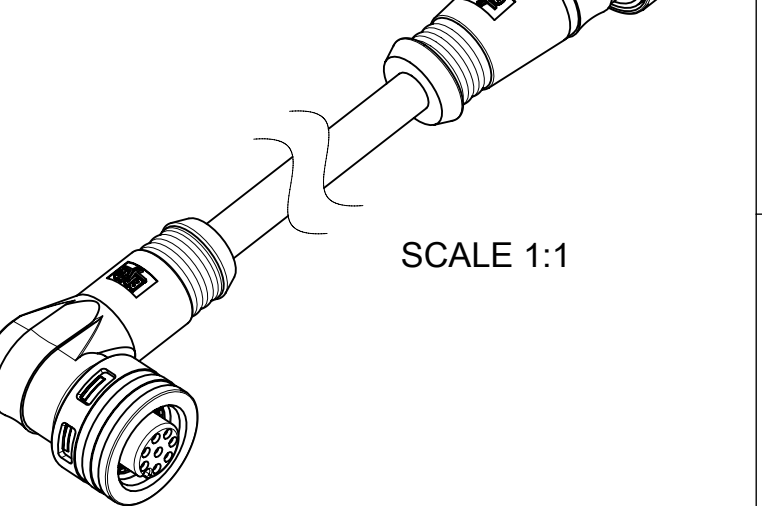
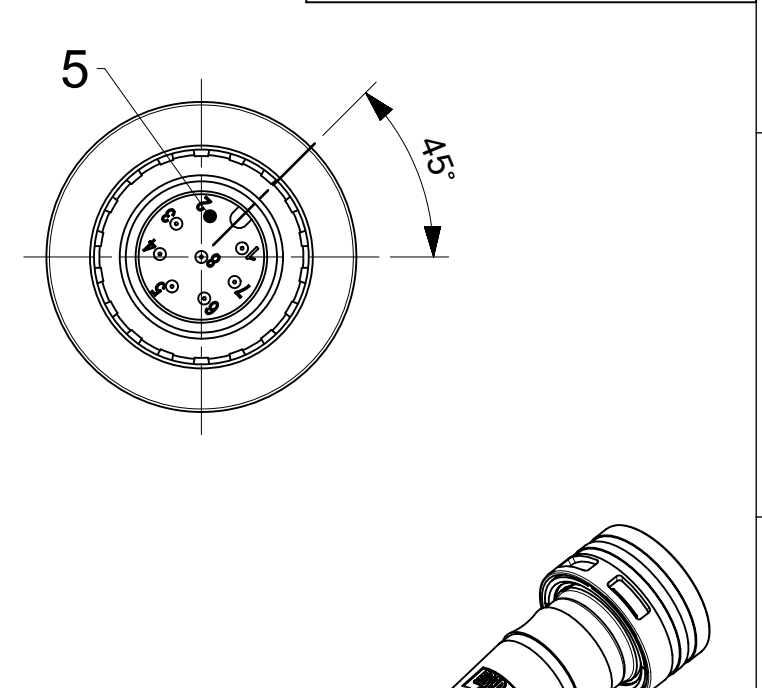
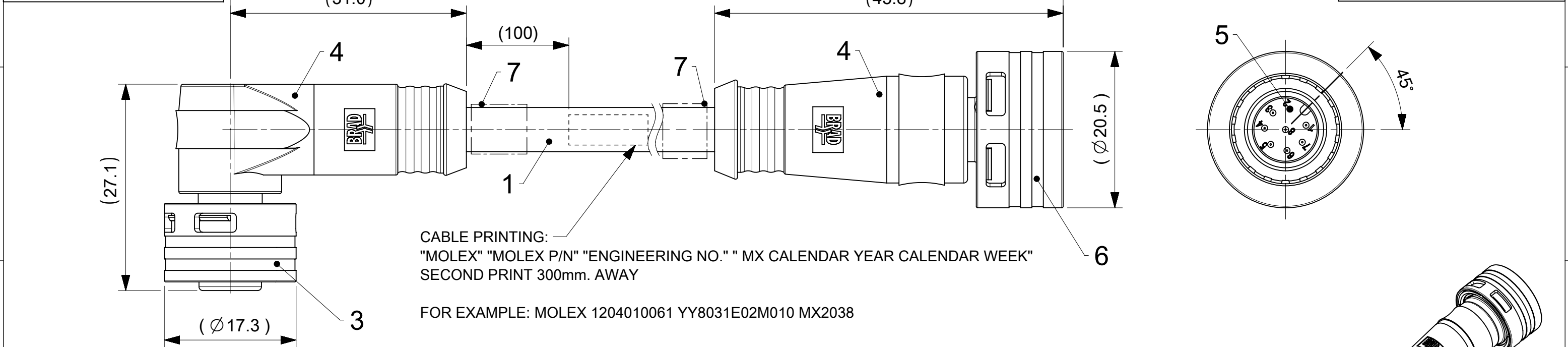
The diagram shows a circular 8-pin connector with the following pin positions and wire colors:

PIN	WIRE COLOR
1	WH
2	BN
3	GN
4	YE
5	GY
6	PK
7	BU
8	RD



The diagram shows a circular connector face with eight pins arranged in a circle. The pins are labeled as follows:

- PIN 1: Top right position
- PIN 2: Top position
- PIN 3: Top left position
- PIN 4: Left position
- PIN 5: Bottom left position
- PIN 6: Bottom position
- PIN 7: Bottom right position
- PIN 8: Right position



SCALE 1:1

1. PARTS ACC. TO PRODUCT SPECIFICATION
1204000001 PS P10 AND IN STYLE OF IEC-61076-2-010
2. BOM & PART LIST - SEE SHEET 2
3. RATED VOLTAGE :
8 CONTACTS: 30V AC OR DC
RATED CURRENT:
8 CONTACTS: 2A, DERATING HAS TO BE CONSIDERED
OVERVOLTAGE CATEGORY: 3
POLLUTION DEGREE: 3, ONLY IN MATED
AND LOCKED CONDITION
4. PROTECTION CLASS: IP 67, ONLY IN MATED
AND LOCKED CONDITION
5. TEMPERATURE RANGE:
TEMPERATURE PLUG/SOCKET: -40 °C TO +85 °C
TEMPERATURE CABLE: SEE CABLE LIST
6. MECHANICAL OPERATIONS: 100 CYCLES
7. MATES WITH ULTRA-LOCK M12 RECEPTACLES
8. PACKAGING: THE CORDSETS ARE SINGLE PACKED IN
PLASTIC BAGS AND DELIVERED IN CARTON BOXES
9. UL FILE: CERTIFICATION IN PROCESS

1. PARTS ACC. TO PRODUCT SPECIFICATION
1204000001 PS P10 AND IN STYLE OF IEC-61076-2-010
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5. TEMPERATURE RANGE:
TEMPERATURE PLUG/SOCKET: -40 °C TO +85 °C
TEMPERATURE CABLE: SEE CABLE LIST
6. MECHANICAL OPERATIONS: 100 CYCLES
7. MATES WITH ULTRA-LOCK M12 RECEPTACLES
8. PACKAGING: THE CORDSETS ARE SINGLE PACKED IN
PLASTIC BAGS AND DELIVERED IN CARTON BOXES
9. UL FILE: CERTIFICATION IN PROCESS

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										
	DIMENSION UNITS		SCALE		CURRENT REV DESC: NOTES AND CABLE LIST UPDATED		molex				
	mm	2:1									
DIVISIONAL SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 736602 DRWN: RSCHIEBER CHK'D: RSILLER APPR: RSILLER INITIAL REVISION: DRWN: MDHARMANTI APPR: RSILLER		2023/01/26 2023/01/31 2023/01/31 2021/03/18 2022/10/14		CSE U12 8P AC FE RA MA STR XM DE UNSH BK				
	ANGULAR TOL ± 1.0°										
	4 PLACES	±					PRODUCT CUSTOMER DRAWING				
	3 PLACES	±									
	2 PLACES	± 0.05					DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
	1 PLACE	± 0.3					1204010061		PSD	000	A1
0 PLACES	± 0.5	THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER	SHEET NUMBER		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				A3-SIZE	120401	SEE SHEET 2		GENERAL MARKET	1 OF 2		

FORMAT: master file - mod-A3 REVISION: J	10	9	8
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