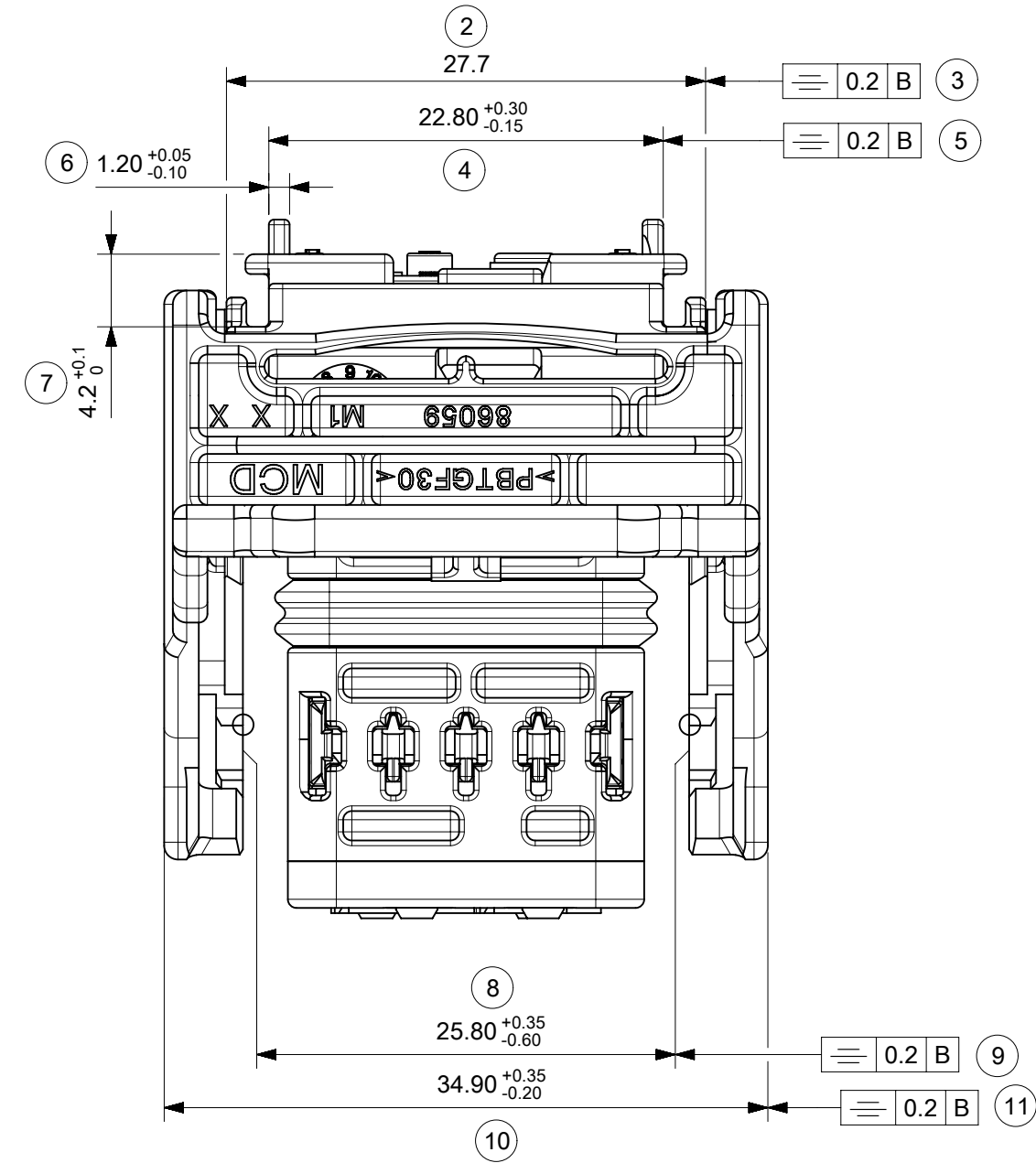
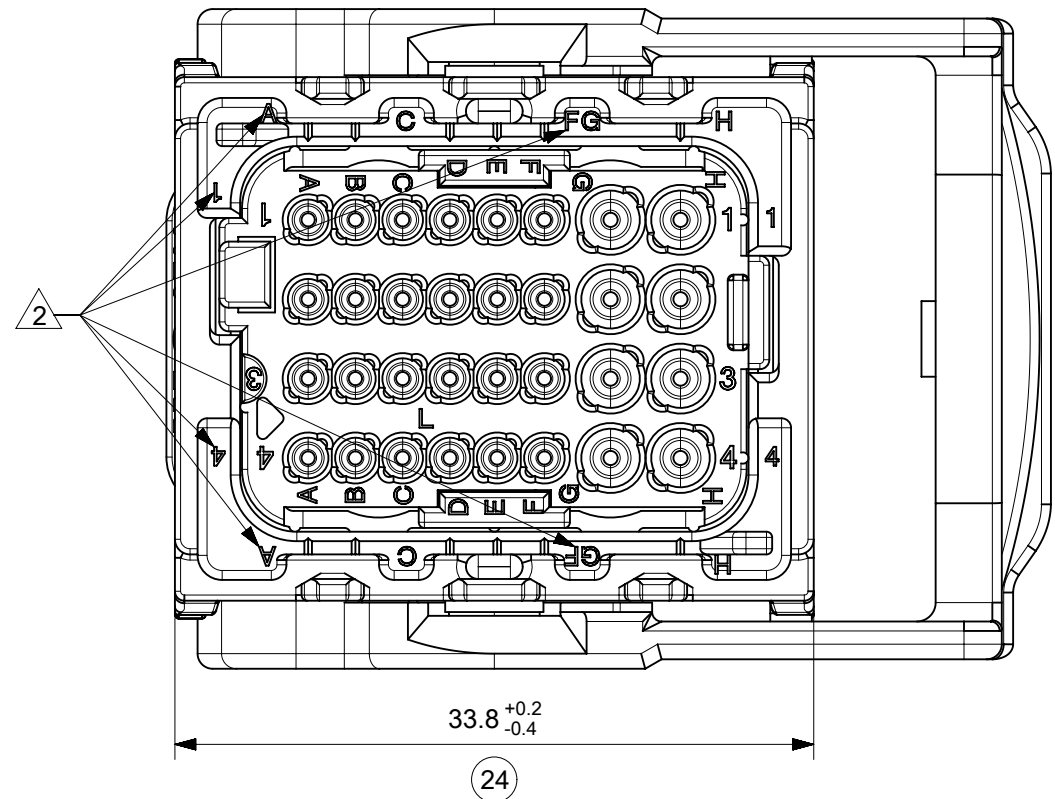
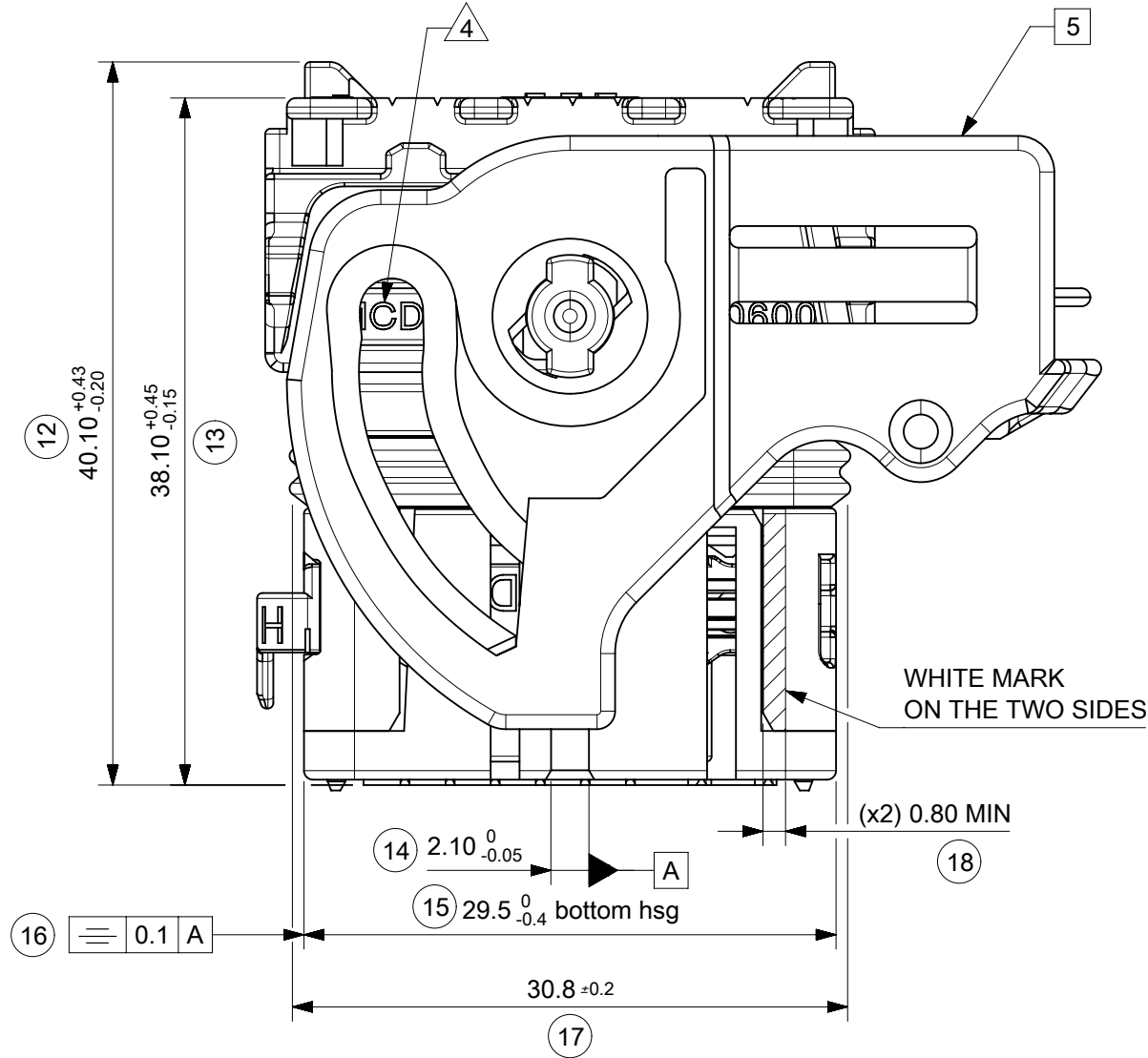
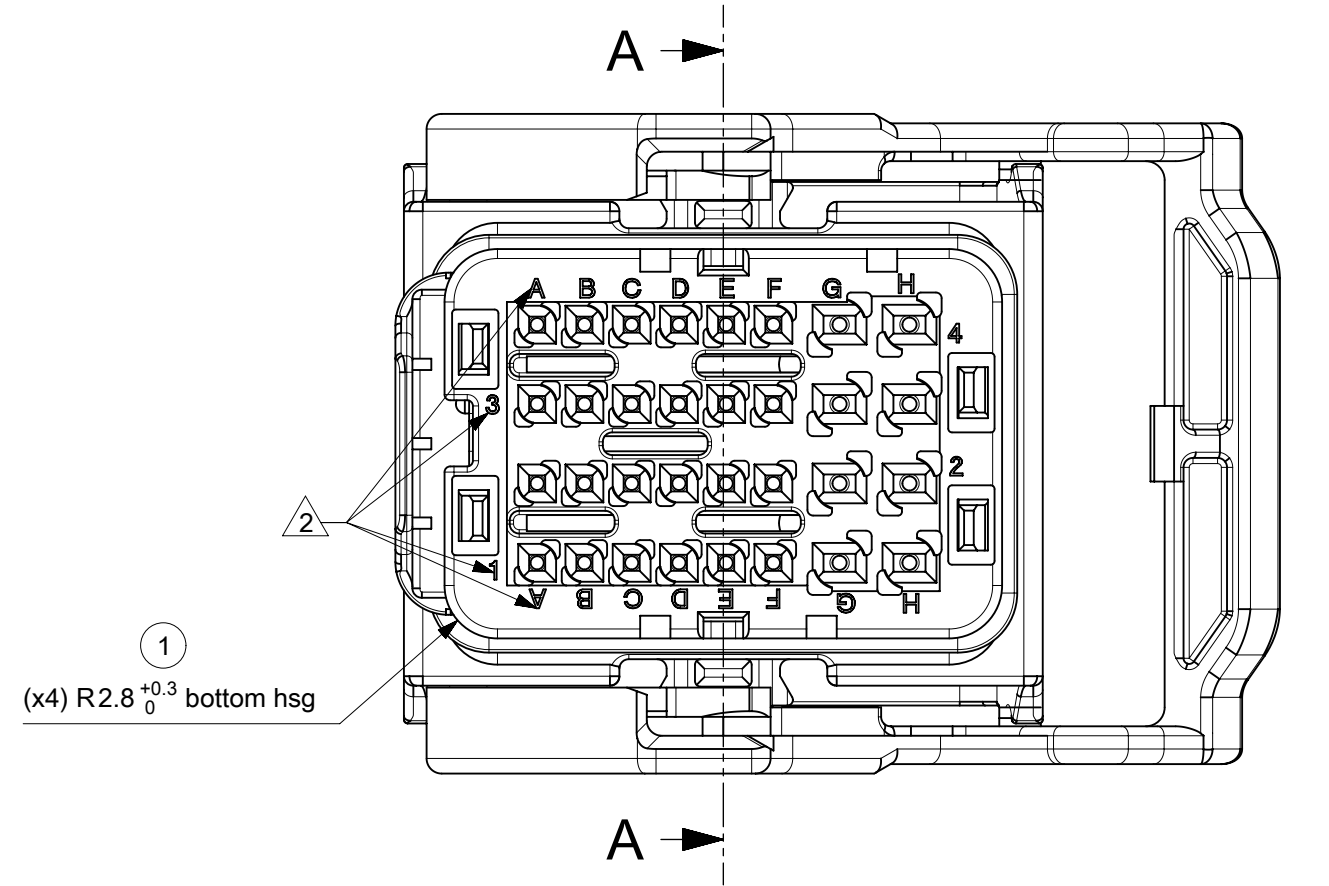


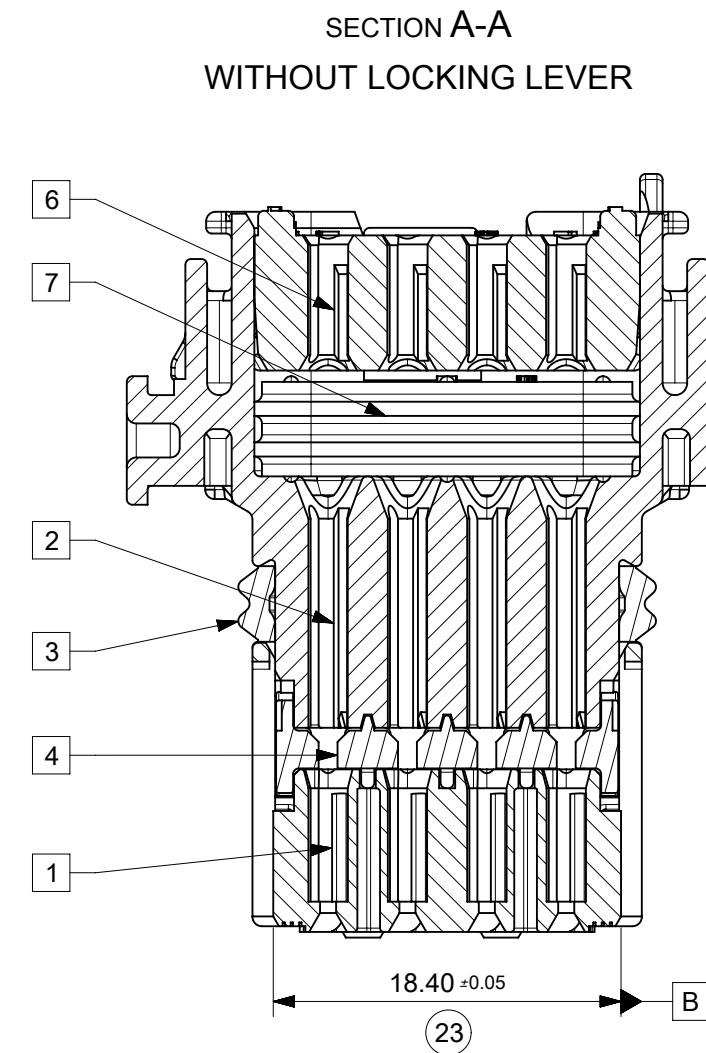
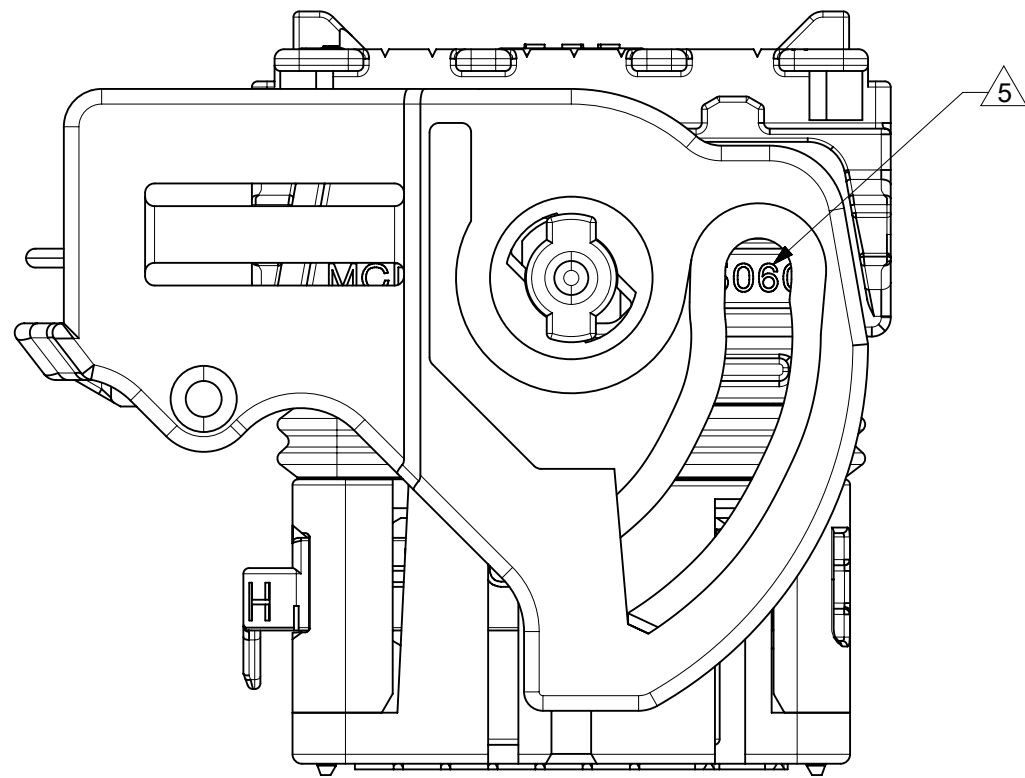
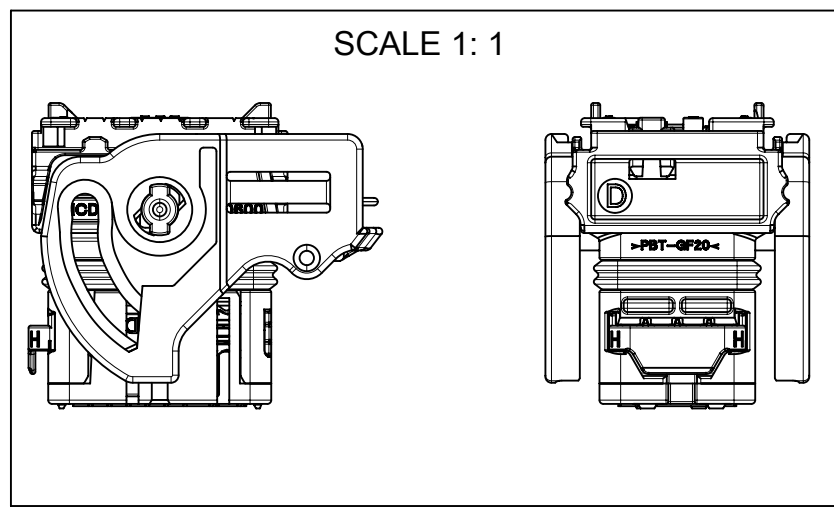
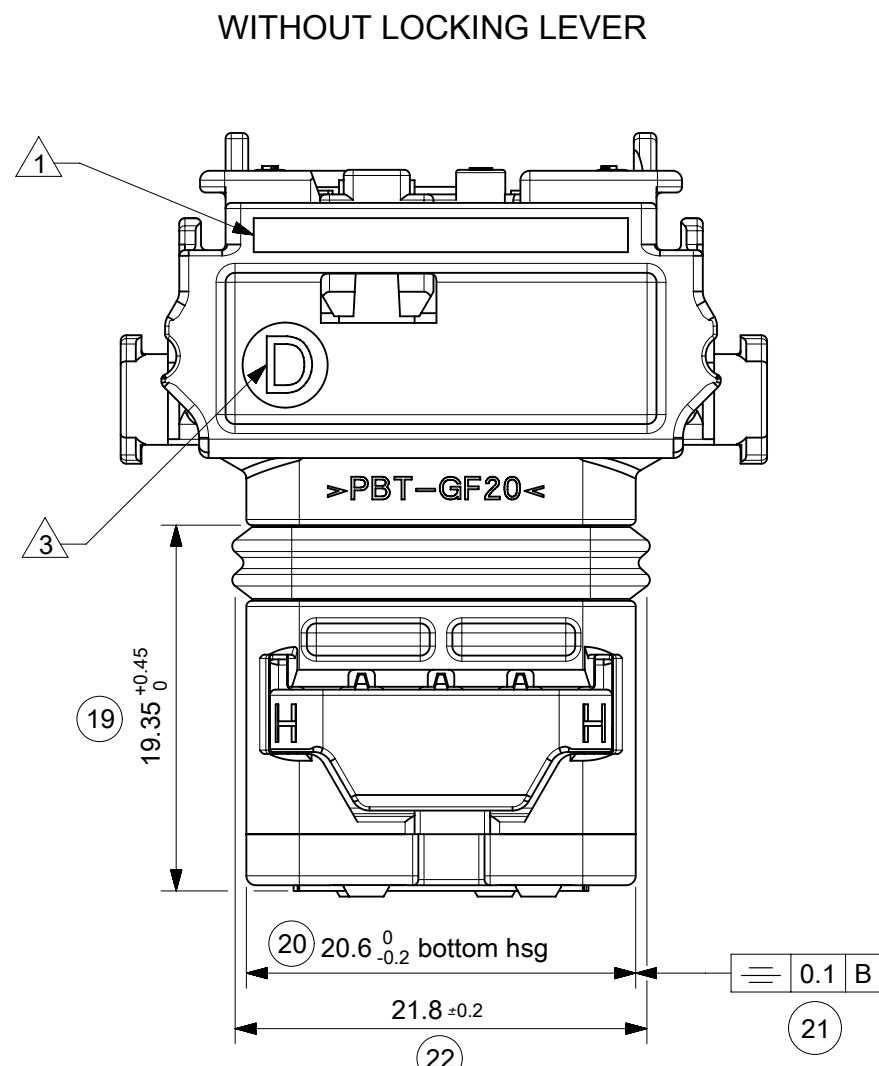
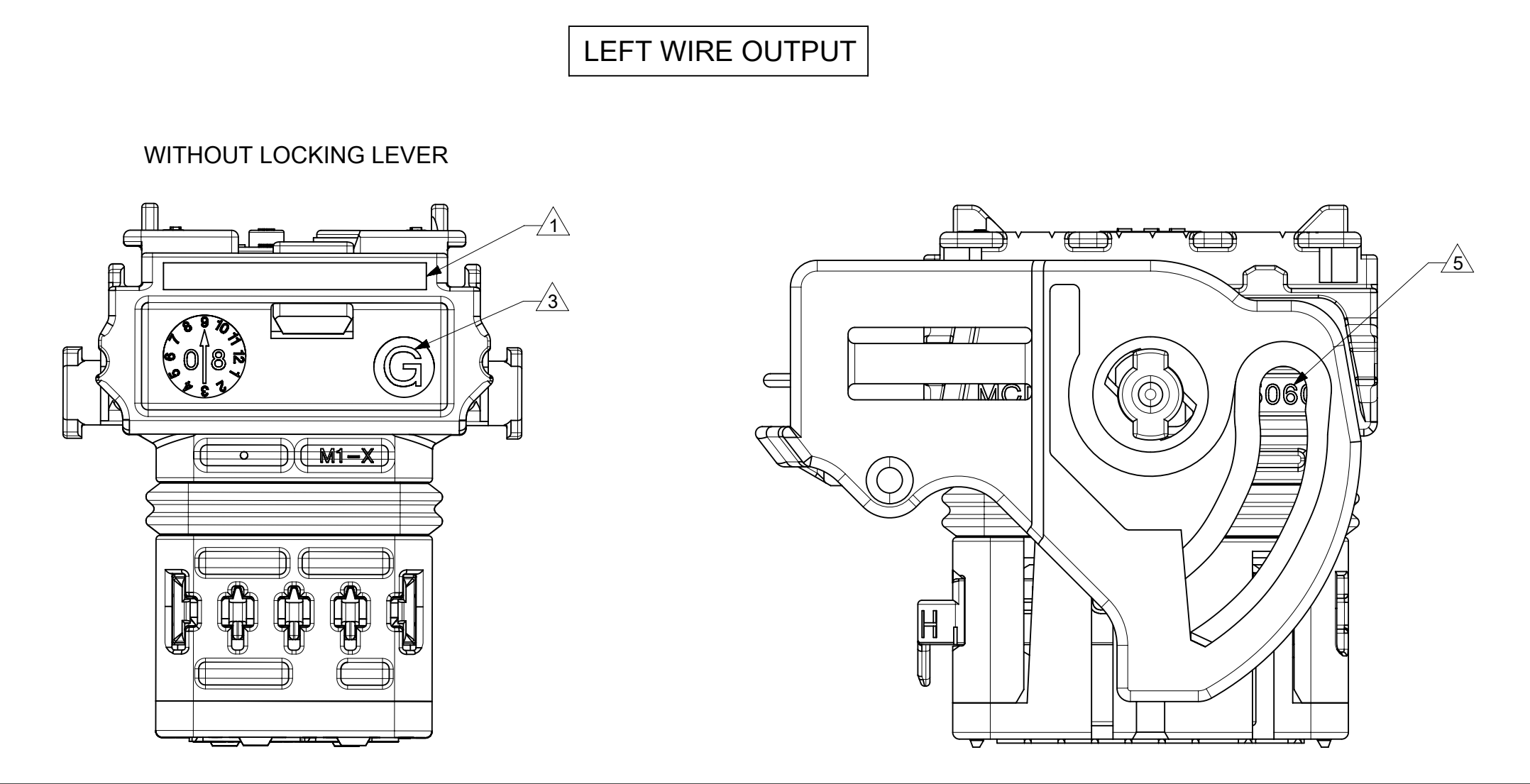


7	MAT SEAL	Silicon	RED
6	BACK GRID 32W	>PBT-GF20<	GREY
5	LOCKING LEVER 32W	>PBT-GF30<	BLACK
4	SECONDARY LOCK	>PBT-GF20<	GREEN
3	PERIPHERAL SEAL 32W	Silicon	BLUE
2	BACK PART	>PBT-GF20<	BLACK
1	FRONT PART	>PBT-GF20<	COLOR LINKED TO KEYING
POS.	DESIGNATION	MATERIAL	COLOR

DOCUMENT STATUS P1 RELEASE DATE 2019/10/07 06:45:27



MARKINGS :
- Assembled part traceability: Year + Day
- Terminal cavities identification
- Lever position indicator: "D" LETTER VISIBLE = "RIGHT WIRE OUTPUT" "G" LETTER VISIBLE = "LEFT WIRE OUTPUT"
- Supplier identification
- Material identification



LEFT WIRE OUTPUT	
MATERIAL NUMBER	COLOR
0643191211	BLACK
0643191218	GREY
0643191219	BROWN
0643191216	BLUE

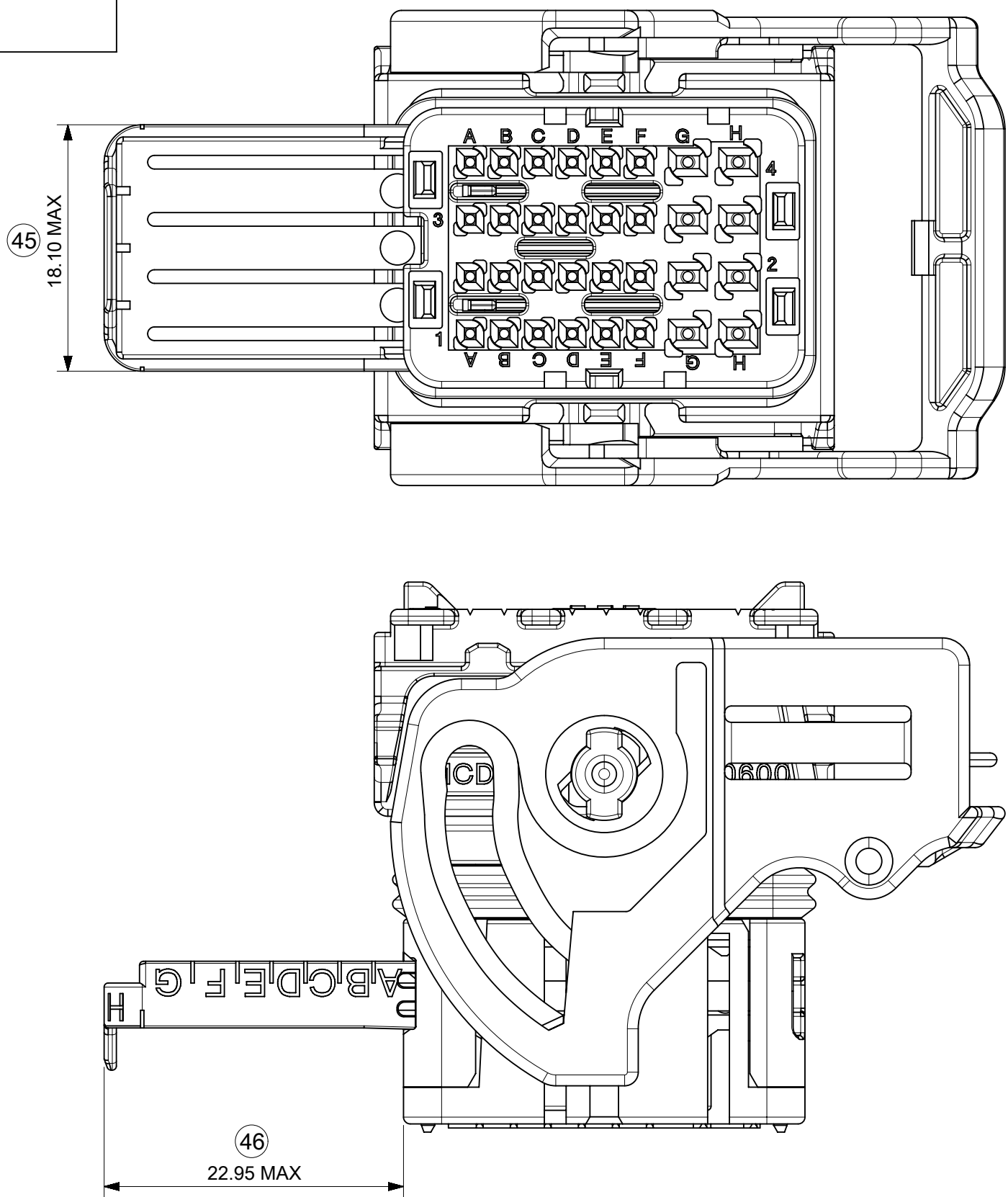
RIGHT WIRE OUTPUT	
MATERIAL NUMBER	COLOR
0643193211	BLACK
0643193218	GREY
0643193219	BROWN
0643193216	BLUE

- NOTES:
- 1-FOR ILLUSTRATION PURPOSE THE FEMALE HOUSING SHOWN IS THE RIGHT WIRE OUTPUT VERSION CODING 1
 - 2-APPLICATION SPECIFICATION: AS-64319-002
 - 3-WIRES EXTERNAL DIAMETER USED:
FOR CP0.6 TERMINAL: USE WIRES WITH AN EXTERNAL DIAMETER BETWEEN Ø1.25MM MIN AND Ø1.90MM MAX
FOR CP1.5 TERMINAL: USE WIRES WITH AN EXTERNAL DIAMETER BETWEEN Ø1.40MM MIN AND Ø2.80MM MAX
 - 4-THE CONNECTOR FITS WITH WIRE CAP (32 WAY) MOLEX P/N 0643191201
 - 5-BLIND PLUG FOR CP 0.6 AND 1.5 CAVITIES (MOLEX P/N 0643251010 AND 0643251023) MUST BE USED ON THIS PART
 - 6-DELIVERED PRODUCT WEIGHT: 27.6 g

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: NX RE-MASTERING			molex					
mm		2.5:1										
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 625008 DRWN: PBOSQUAIN 2019/09/02 CHK'D: CBOUCHAN 2019/10/02 APPR: SLAFAURE 2019/10/07			CMC CONNECTOR 32 WAY MAT SEAL VERSION					
ANGULAR TOL ± 2°												
4 PLACES		± 0.1										
3 PLACES		± 0.1		INITIAL REVISION: DRWN: TBADAROUX 2007/07/16 APPR: cbouchan 2007/07/16			PRODUCT CUSTOMER DRAWING					
2 PLACES		± 0.1										
1 PLACE		± 0.1										
0 PLACES		±		DOCUMENT NUMBER			DOC TYPE	DOC PART	REVISION			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				FIRST ANGLE PROJECTION 			SD-64319-001			PSD	001	J2
DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER				
A1-SIZE		64319		SEE TABLE		GENERAL MARKET		1 OF 2				

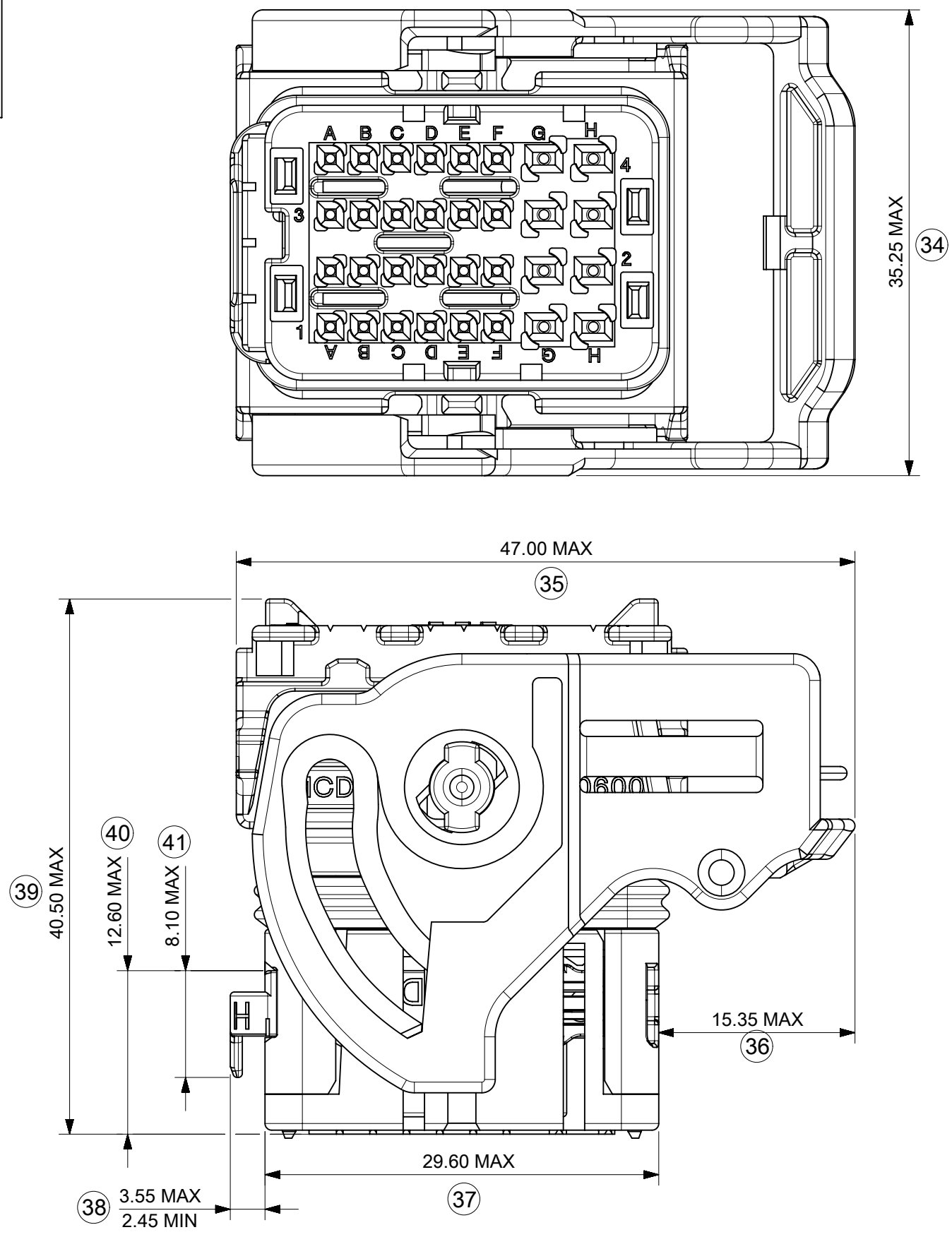
CONNECTOR OVERALL DIMENSIONS:
SECONDARY LOCKING FULLY OPENED
FOR TERMINALS INSERTION

RIGHT WIRE OUTPUT

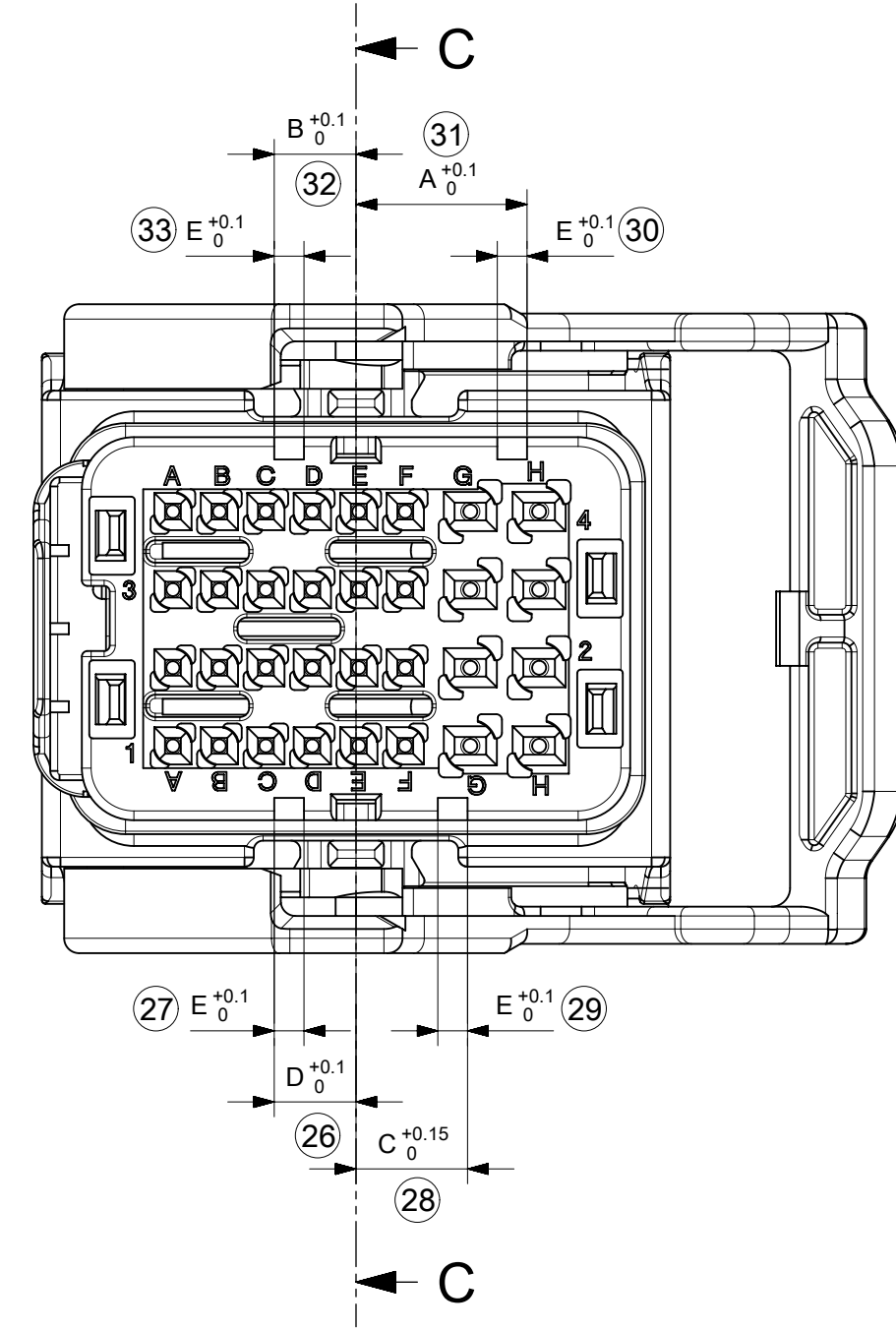


CONNECTOR OVERALL DIMENSIONS:
SECONDARY LOCKING IN DELIVERY
POSITION

RIGHT WIRE OUTPUT

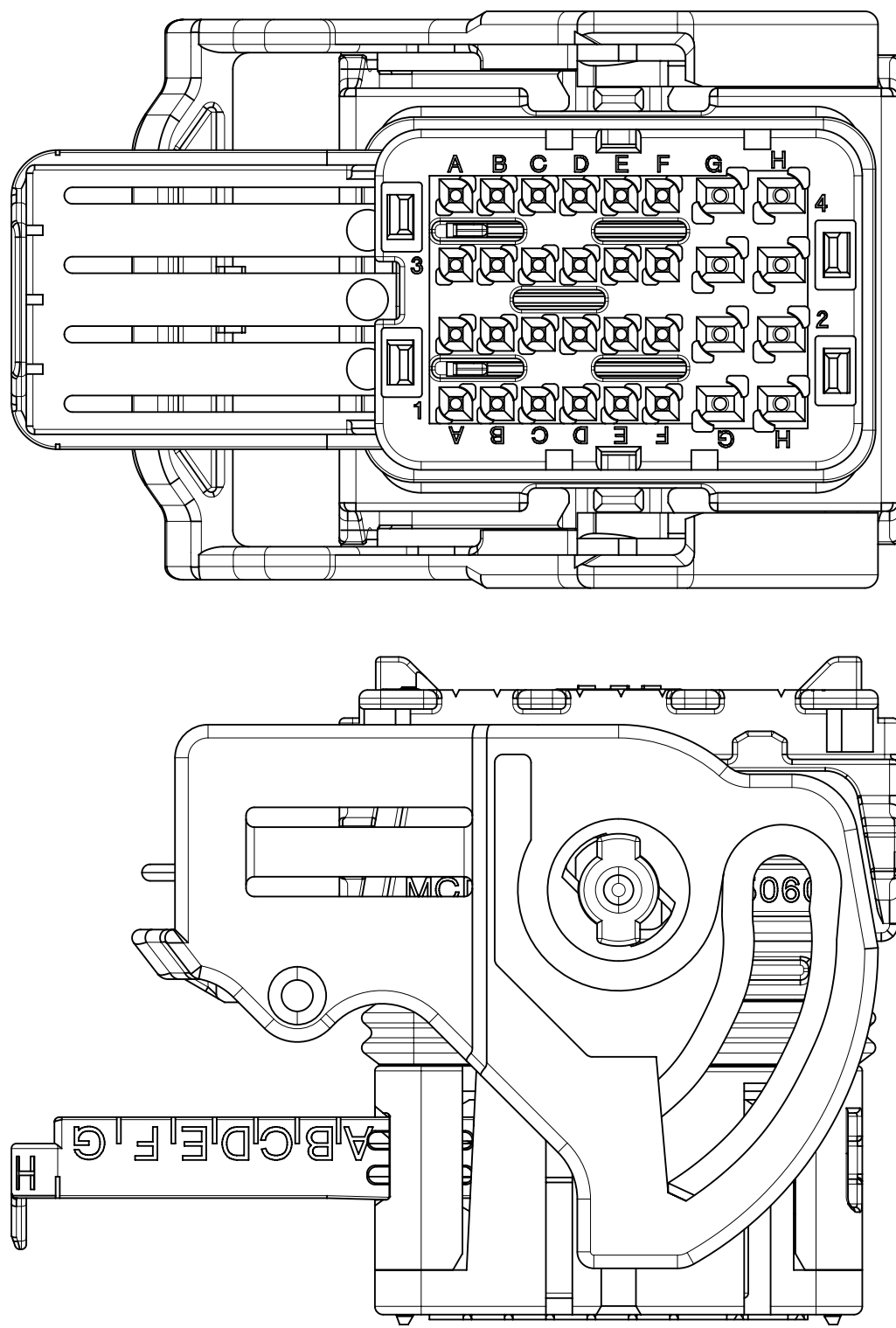


CODING POSITION



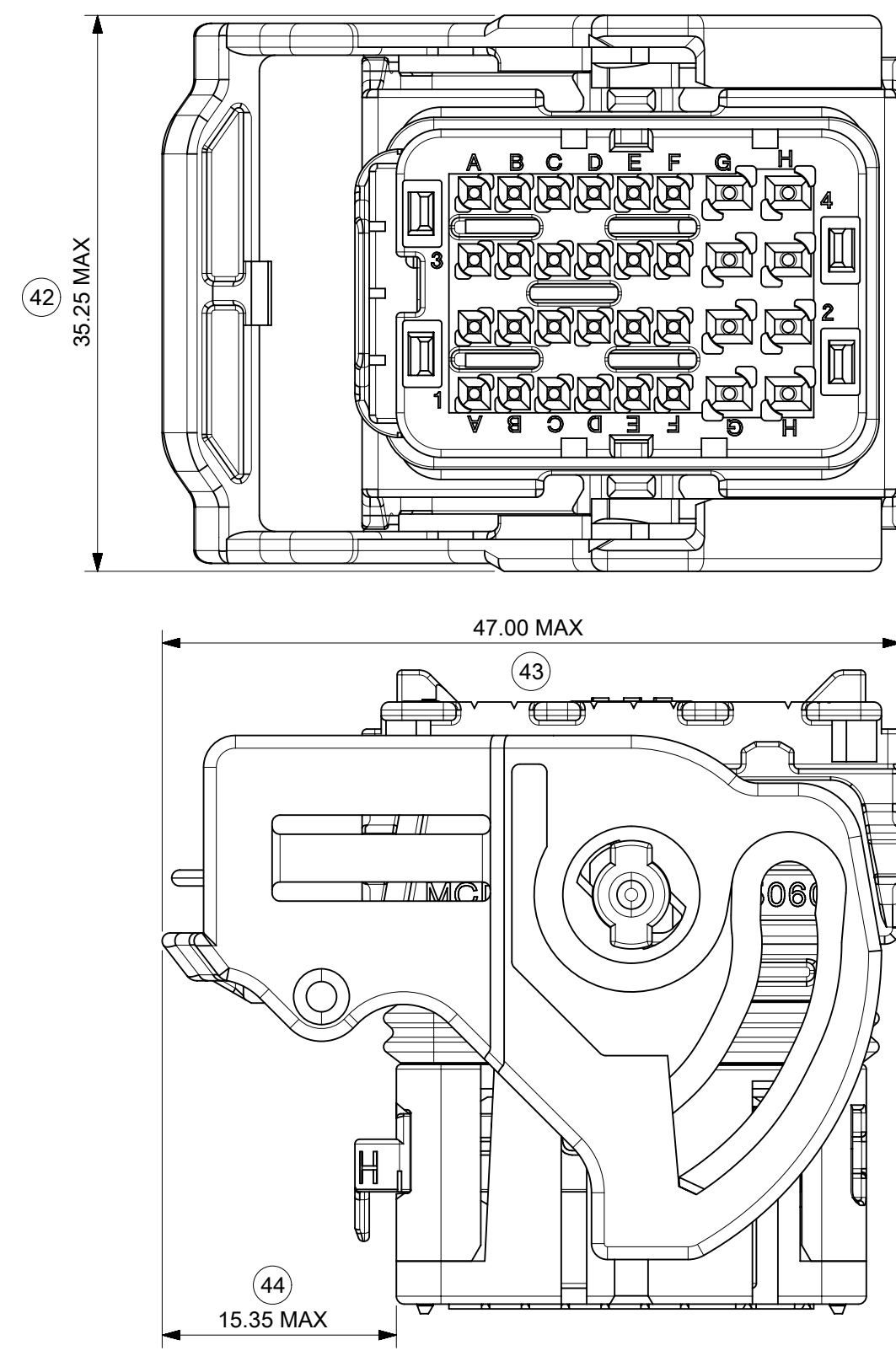
CONNECTOR OVERALL DIMENSIONS:
SECONDARY LOCKING FULLY OPENED
FOR TERMINALS INSERTION

LEFT WIRE OUTPUT

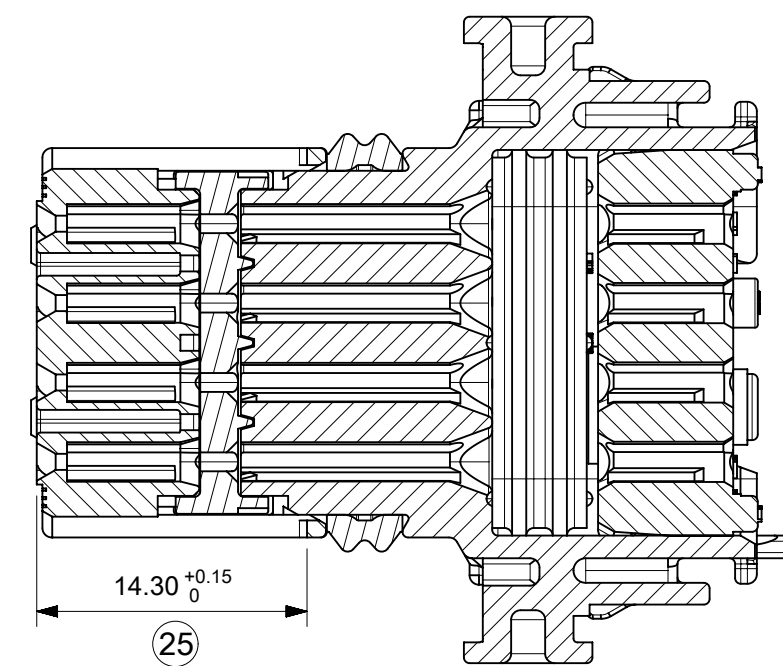


CONNECTOR OVERALL DIMENSIONS:
SECONDARY LOCKING IN DELIVERY
POSITION

LEFT WIRE OUTPUT



SECTION C-C
LOCKING LEVER NOT SHOWN



COLOR	CODING	A	B	C	D	E
BLACK	1	9.2	4.4	6	4.4	1.6
GREY	2	7.6	6	9.2	6	1.6
BROWN	3	6	7.6	9.2	9.2	1.6
BLUE	5	4.4	7.6	6	6	1.6

TERMINALS USED

CAVITY N°	FEMALE TERMINALS (Section mm2)	PLATING	MOLEX P/N	min / MAX WIRE INSULATION DIAMETER (mm)
A1 to A4 B1 to B4 C1 to C4 D1 to D4 E1 to E4 F1 to F4	CP 0.6 0.35mm2	Tin plated	0643221019	Ø1.25 min / Ø1.40 Max
		Gold plated	0643221229	
	CP 0.6 0.5mm2	Tin plated	0643221039	Ø1.40 min / Ø1.70 Max
		Gold plated	0643221239	
	CP 0.6 0.75mm2	Tin plated	0643221029	Ø1.60 min / Ø1.90 Max
		Gold plated	0643221219	
G1 to G4 H1 to H4	CP 1.5 0.5mm2 to 1mm2	Tin plated	0643231029	Ø1.40 min / Ø2.15 Max
		Gold plated	0643231319	
	CP 1.5 >1mm2 to 2mm2	Tin plated	0643231039	Ø2.10 min / Ø2.80 Max
		Gold plated	0643231219	

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DIMENSION UNITS		SCALE		CURRENT REV DESC: NX RE-MASTERING			molex				
mm		2.5:1									
GENERAL TOLERANCES (UNLESS SPECIFIED)				CMC CONNECTOR 32 WAY MAT SEAL VERSION							
ANGULAR TOL ± 2°											
4 PLACES		± 0.1		PRODUCT CUSTOMER DRAWING							
3 PLACES		± 0.1									
2 PLACES		± 0.1		DOCUMENT NUMBER SD-64319-001							
1 PLACE		± 0.1									
0 PLACES		±		DOC TYPE PSD							
EC NO: 625008											
DRWN: PBOSQUAIN				DOC PART 001							
CHK'D: CBOUCHAN											
APPR: SLAFAURE				DOC REVISION J2							
INITIAL REVISION:											
DRWN: TBADAROUX				MATERIAL NUMBER SEE TABLE							
APPR: cbouchan											
FIRST ANGLE PROJECTION				DRAWING A1-SIZE		SERIES 64319		CUSTOMER GENERAL MARKET		SHEET NUMBER 2 OF 2	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS											

DOCUMENT STATUS	P1	RELEASE DATE	2019/10/07 06:45:27
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