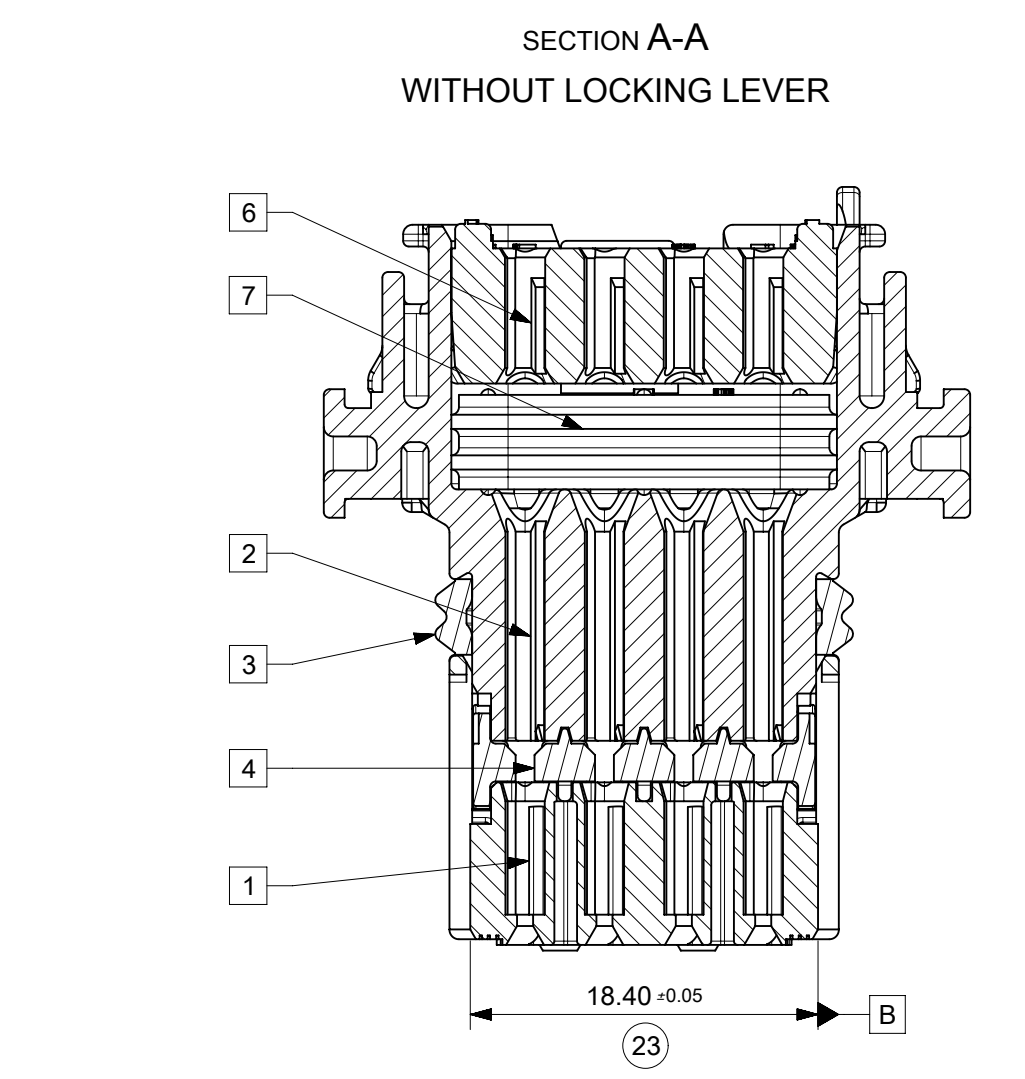
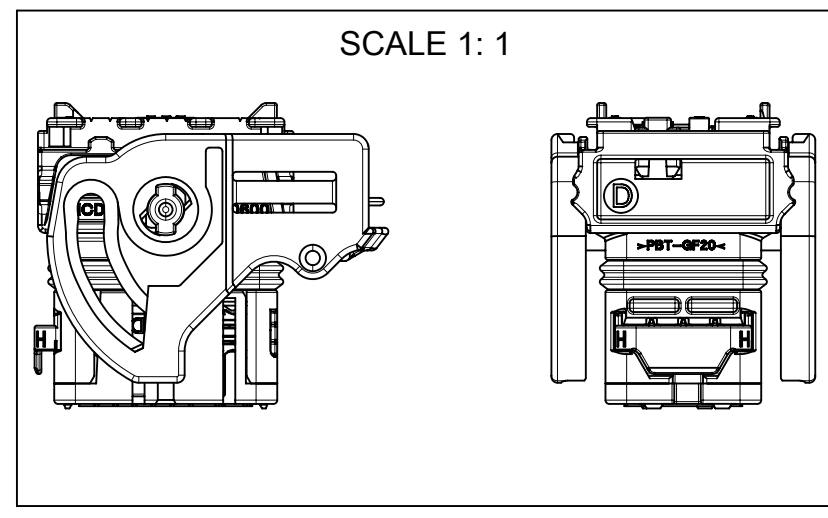
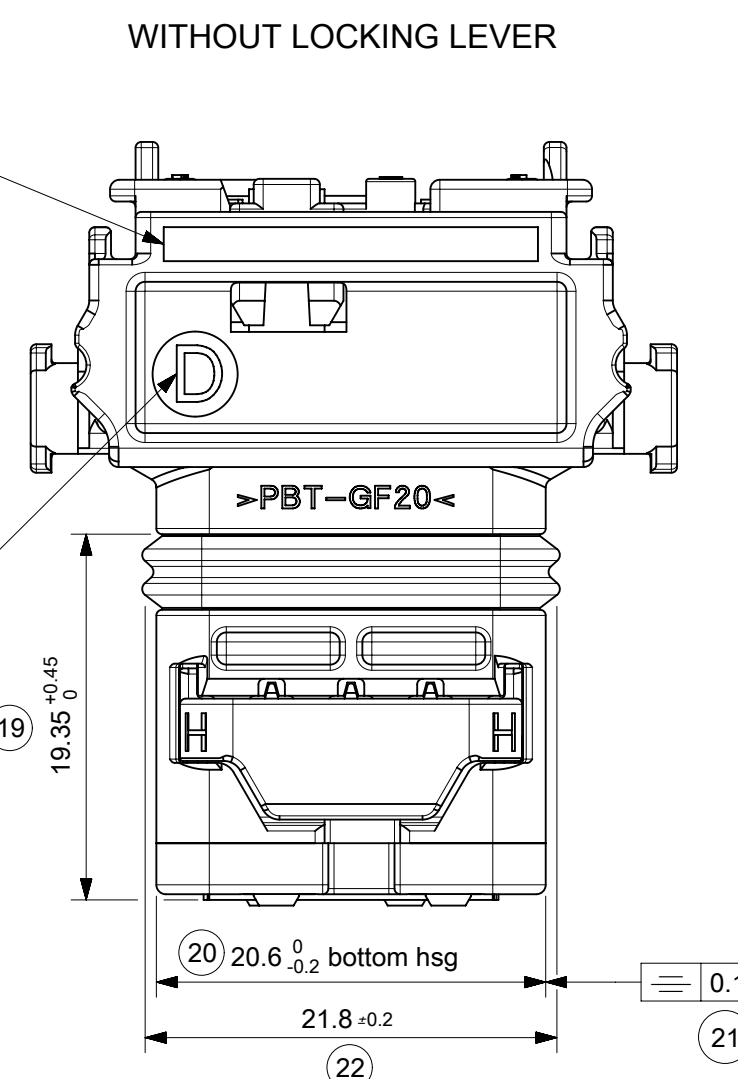


DOCUMENT STATUS	P1	RELEASE DATE	2019/10/0
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MARKINGS :

- ① - Assembled part tracability:
Year + Day
- ② - Terminal cavities identification
- ③ - Lever position indicator:
"D" LETTER VISIBLE = "RIGHT WIRE OUTPUT"
"L" LETTER VISIBLE = "LEFT WIRE OUTPUT"
- ④ - Supplier identification
- ⑤ - Material identification



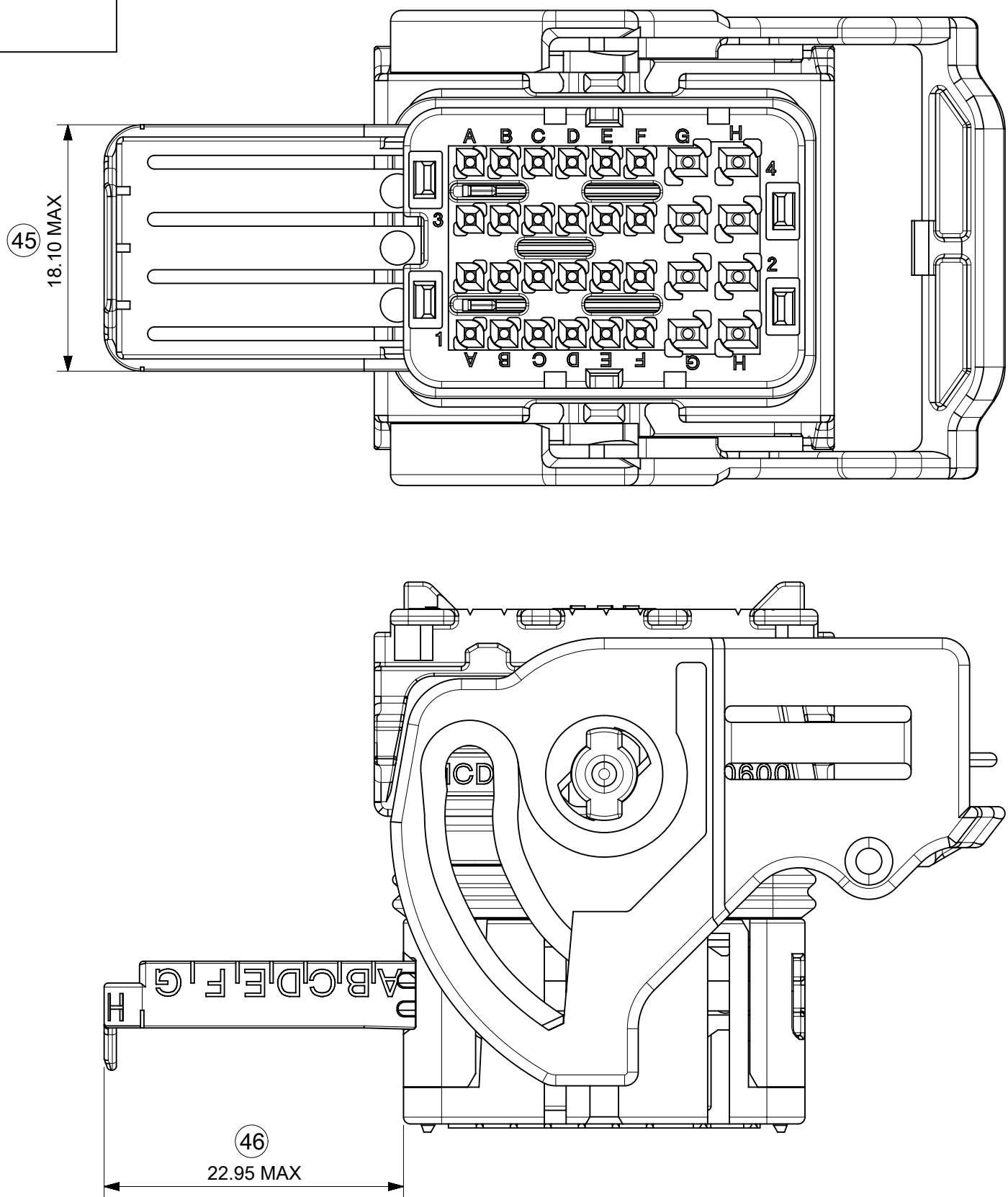
LEFT WIRE OUTPUT	
MATERIAL NUMBER	COLOR
0643191211	BLACK
0643191218	GREY
0643191219	BROWN
0643191216	BLUE

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

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 CMC CONNECTOR 32 WAY MAT SEAL VERSION					
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					PRODUCT CUSTOMER DRAWING DOCUMENT NUMBERSD-64319-001DOC TYPEPSDDOC PART001REVISIONJ2					
ANGULAR TOL ± 2°														
4 PLACES		± 0.1		INITIAL REVISION: DRWN: TBADAROUX 2007/07/16 APPR: cbouchan 2007/07/16					MATERIAL NUMBERCUSTOMERSHEET NUMBER SEE TABLEGENERAL MARKET1 OF 2					
3 PLACES		± 0.1												
2 PLACES		± 0.1		FIRST ANGLE PROJECTIONDRAWINGA1-SIZESERIES64319										
1 PLACE		± 0.1												
0 PLACES		±												
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS														

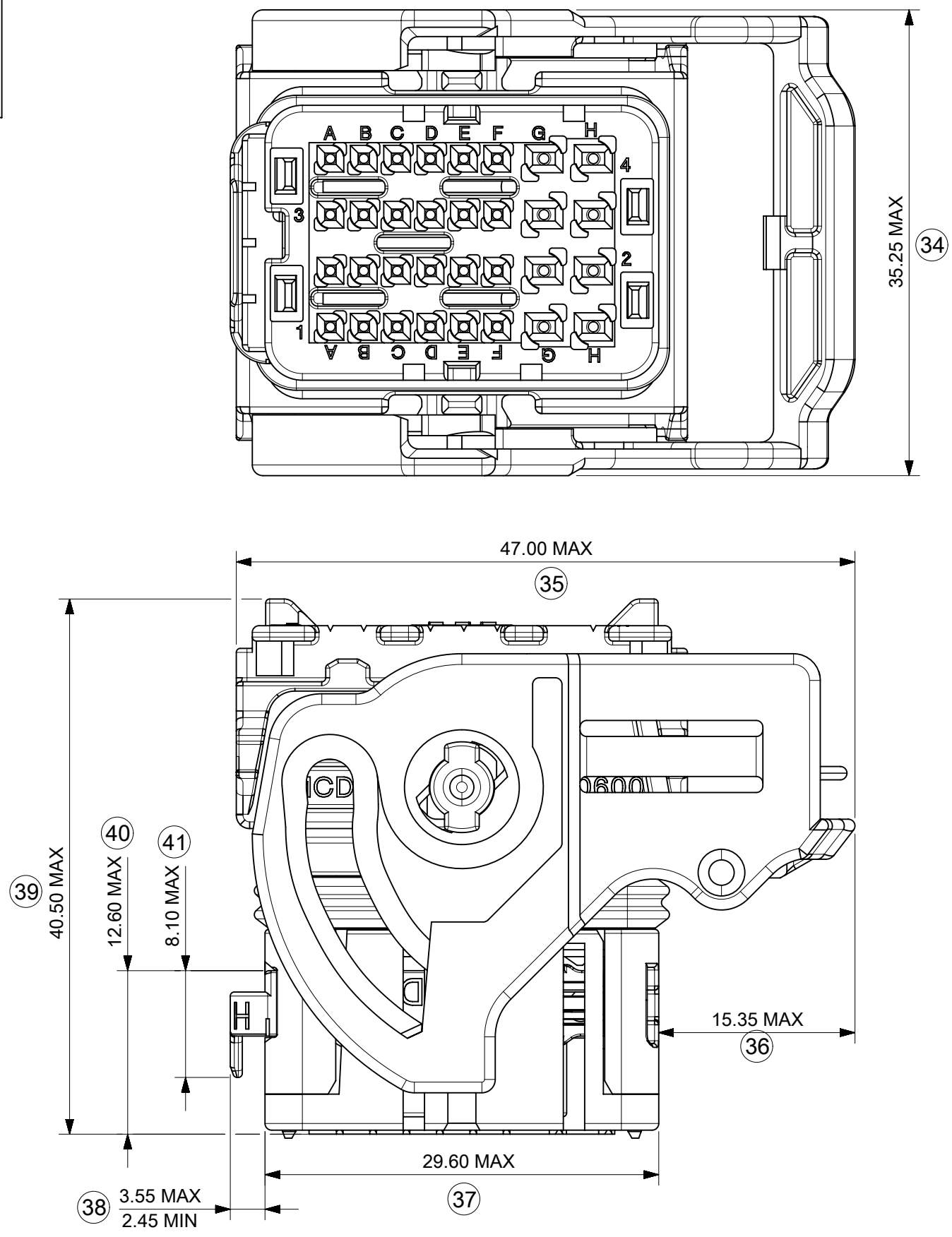
CONNECTOR OVERALL DIMENSIONS:
SECONDARY LOCKING FULLY OPENED
FOR TERMINALS INSERTION

RIGHT WIRE OUTPUT



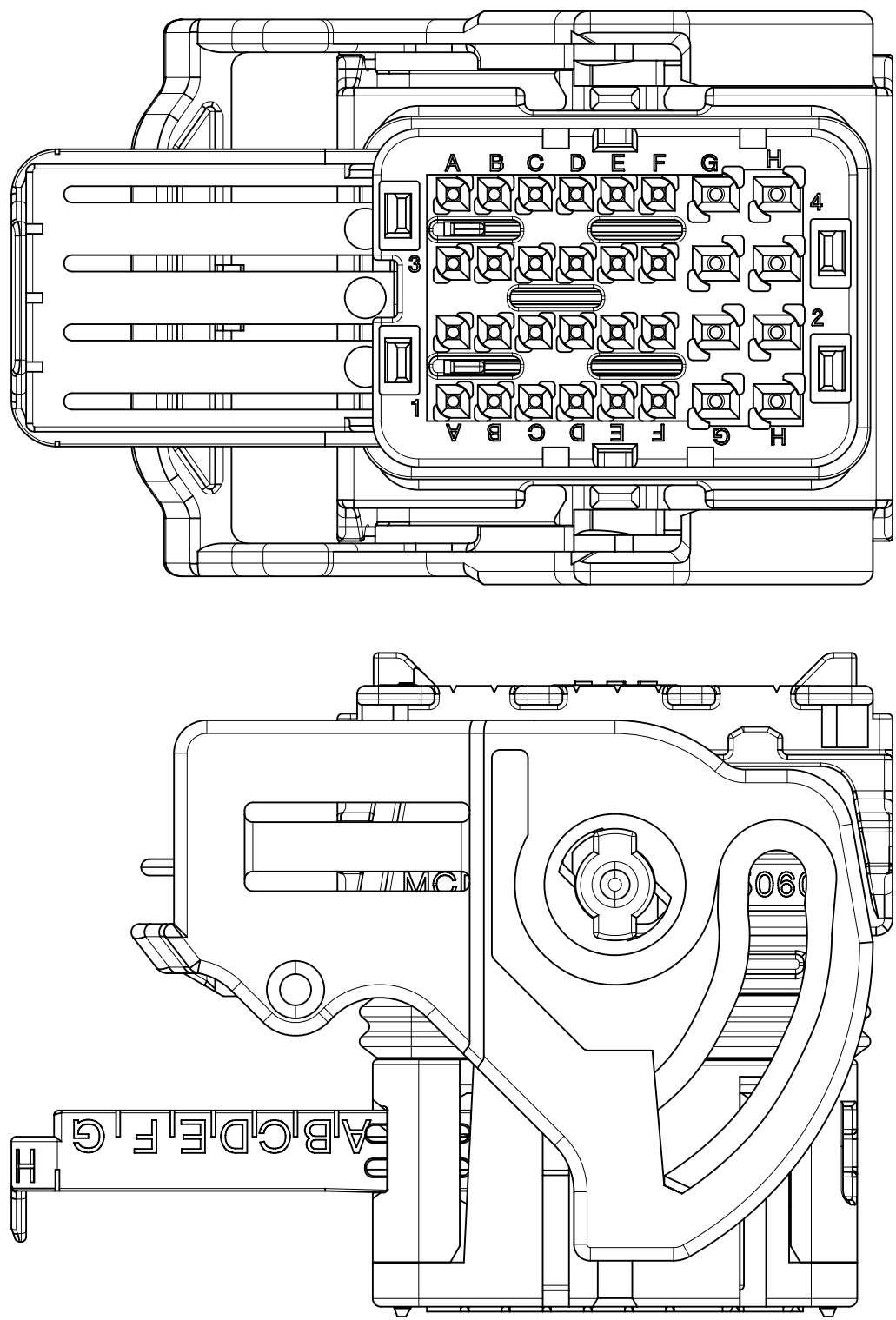
CONNECTOR OVERALL DIMENSIONS:
SECONDARY LOCKING IN DELIVERY
POSITION

RIGHT WIRE OUTPUT



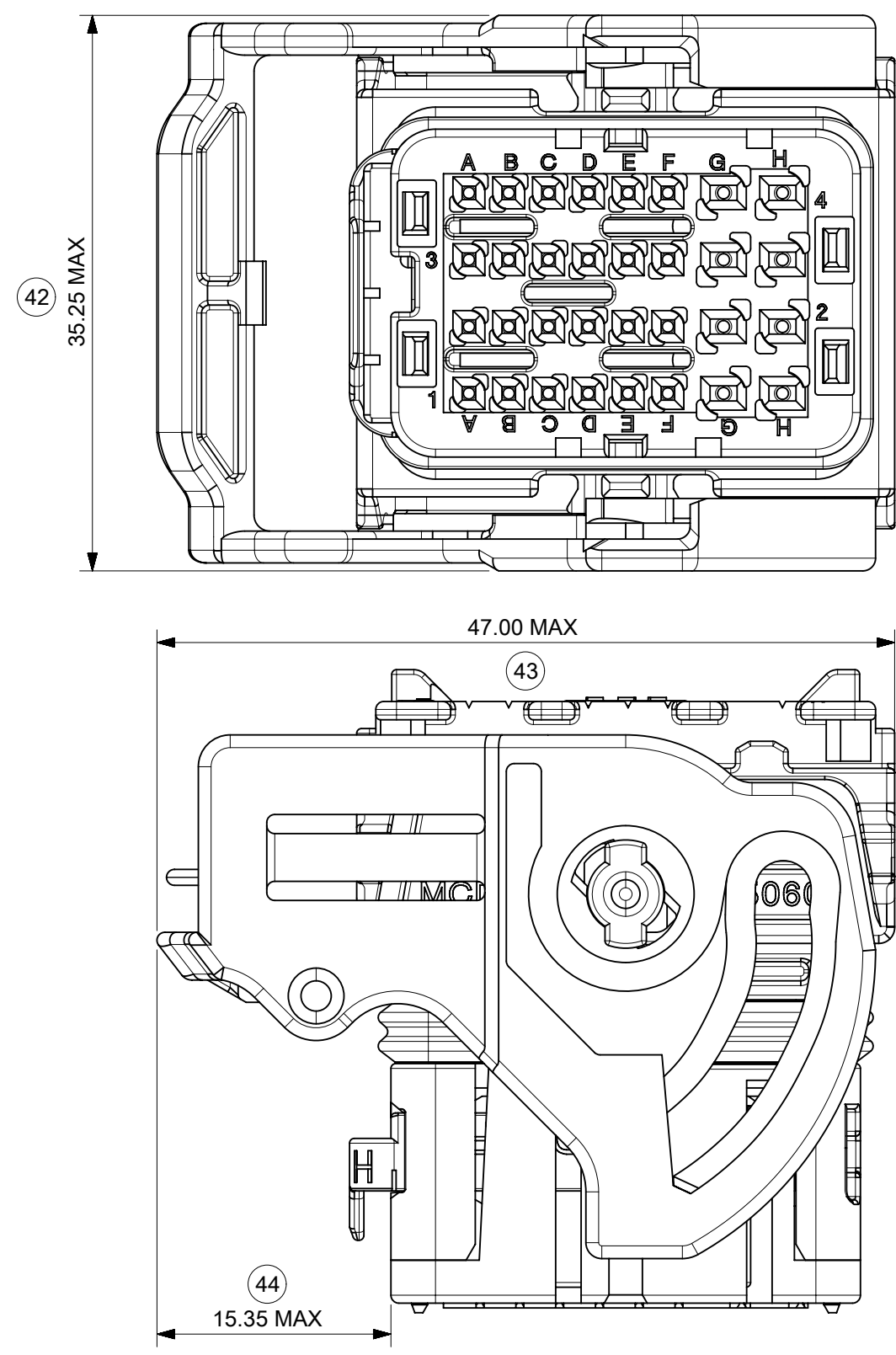
CONNECTOR OVERALL DIMENSIONS:
SECONDARY LOCKING FULLY OPENED
FOR TERMINALS INSERTION

LEFT WIRE OUTPUT

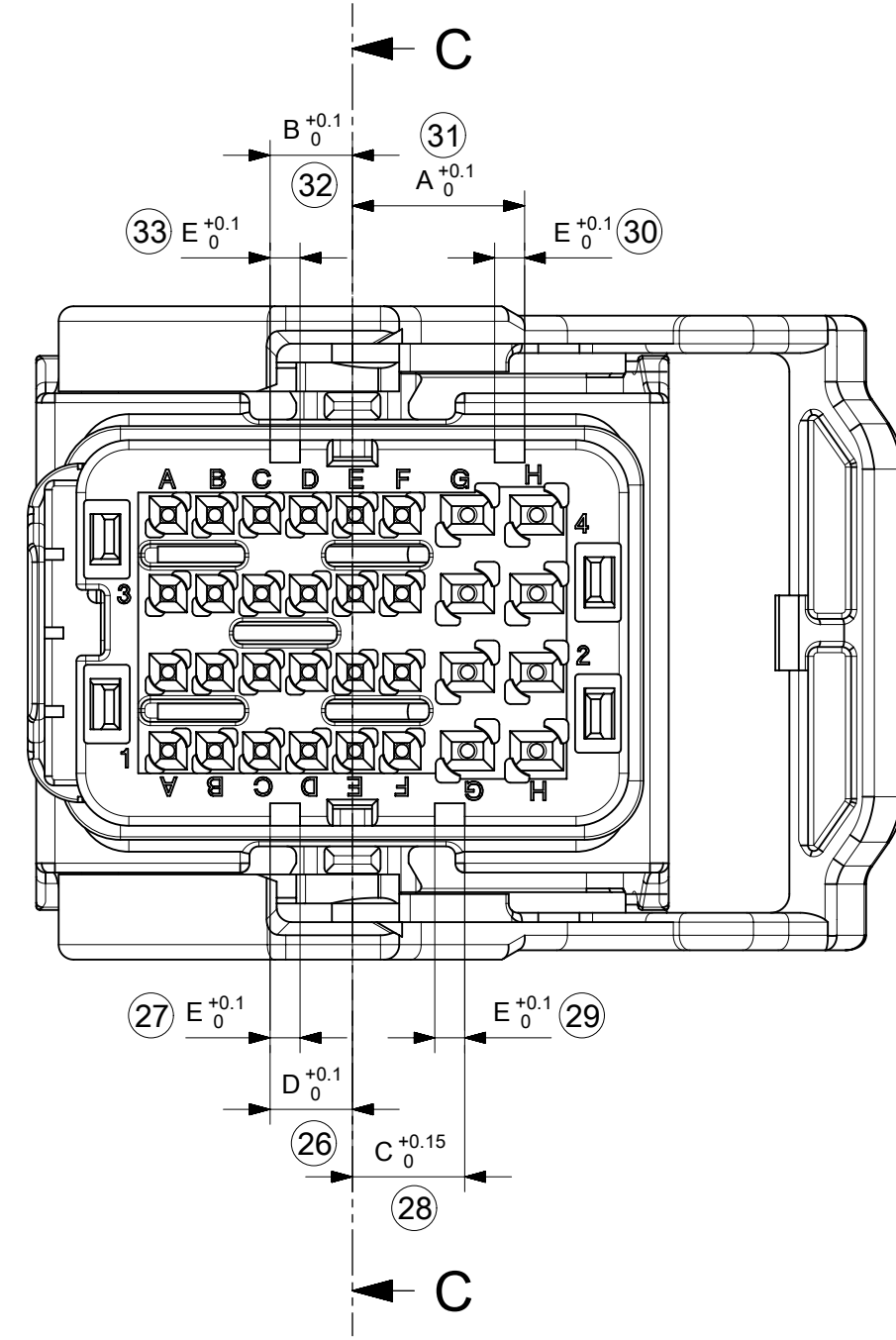


CONNECTOR OVERALL DIMENSIONS:
SECONDARY LOCKING IN DELIVERY
POSITION

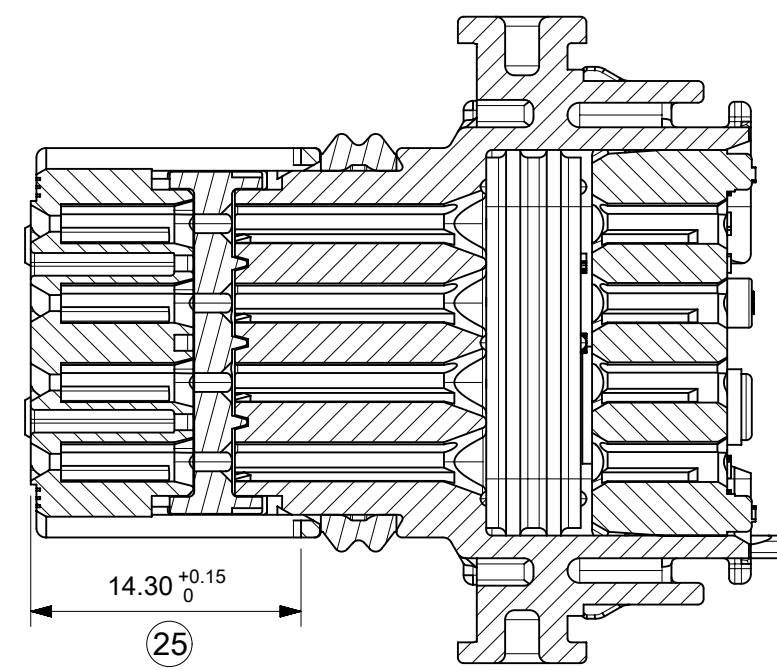
LEFT WIRE OUTPUT



CODING POSITION



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	$\varnothing$ 1.25 min / $\varnothing$ 1.40 Max
		Gold plated	0643221229	
	CP 0.6 0.5mm2	Tin plated	0643221039	$\varnothing$ 1.40 min / $\varnothing$ 1.70 Max
		Gold plated	0643221239	
	CP 0.6 0.75mm2	Tin plated	0643221029	$\varnothing$ 1.60 min / $\varnothing$ 1.90 Max
		Gold plated	0643221219	
G1 to G4 H1 to H4	CP 1.5 0.5mm2 to 1mm2	Tin plated	0643231029	$\varnothing$ 1.40 min / $\varnothing$ 2.15 Max
		Gold plated	0643231319	
	CP 1.5 >1mm2 to 2mm2	Tin plated	0643231039	$\varnothing$ 2.10 min / $\varnothing$ 2.80 Max
		Gold plated	0643231219	

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

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