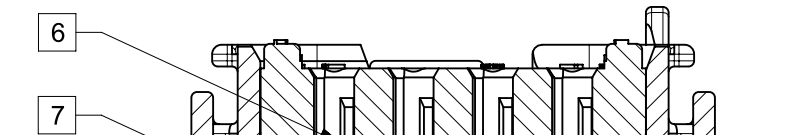
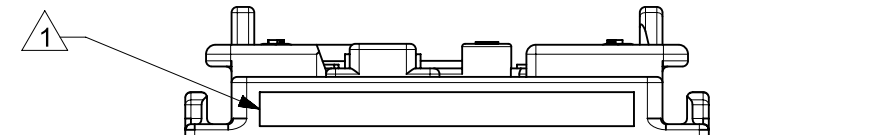
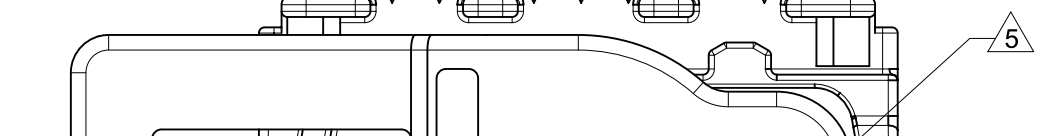
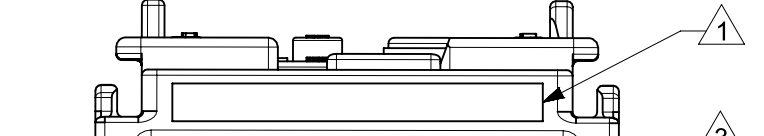


MARKINGS :

-  - Assembled part tracability:
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

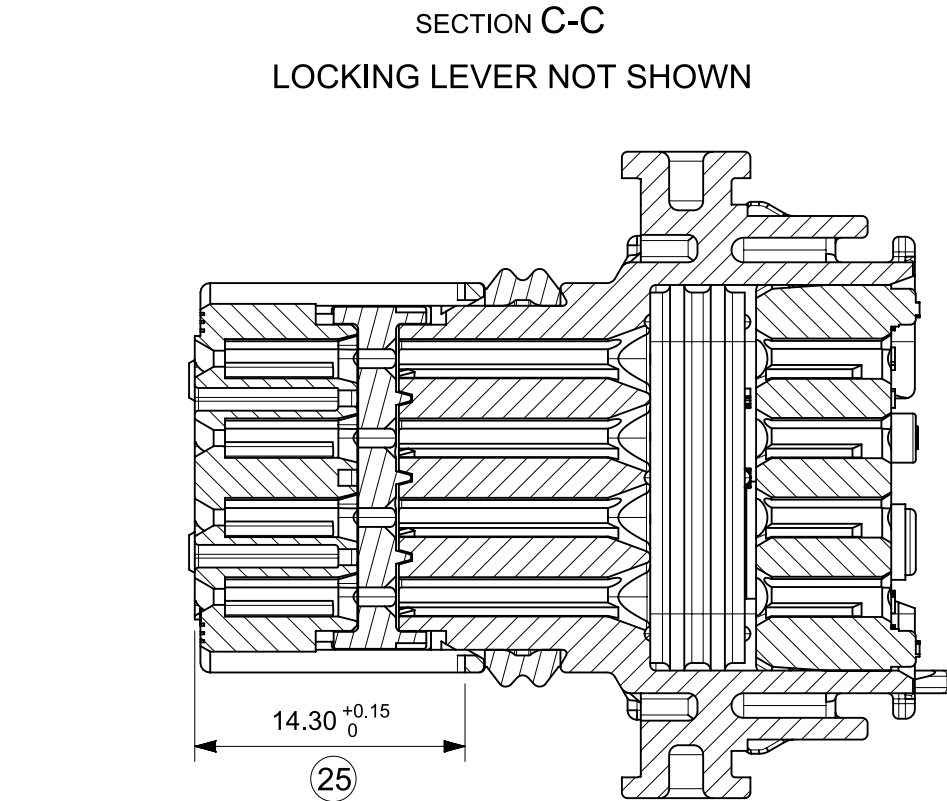
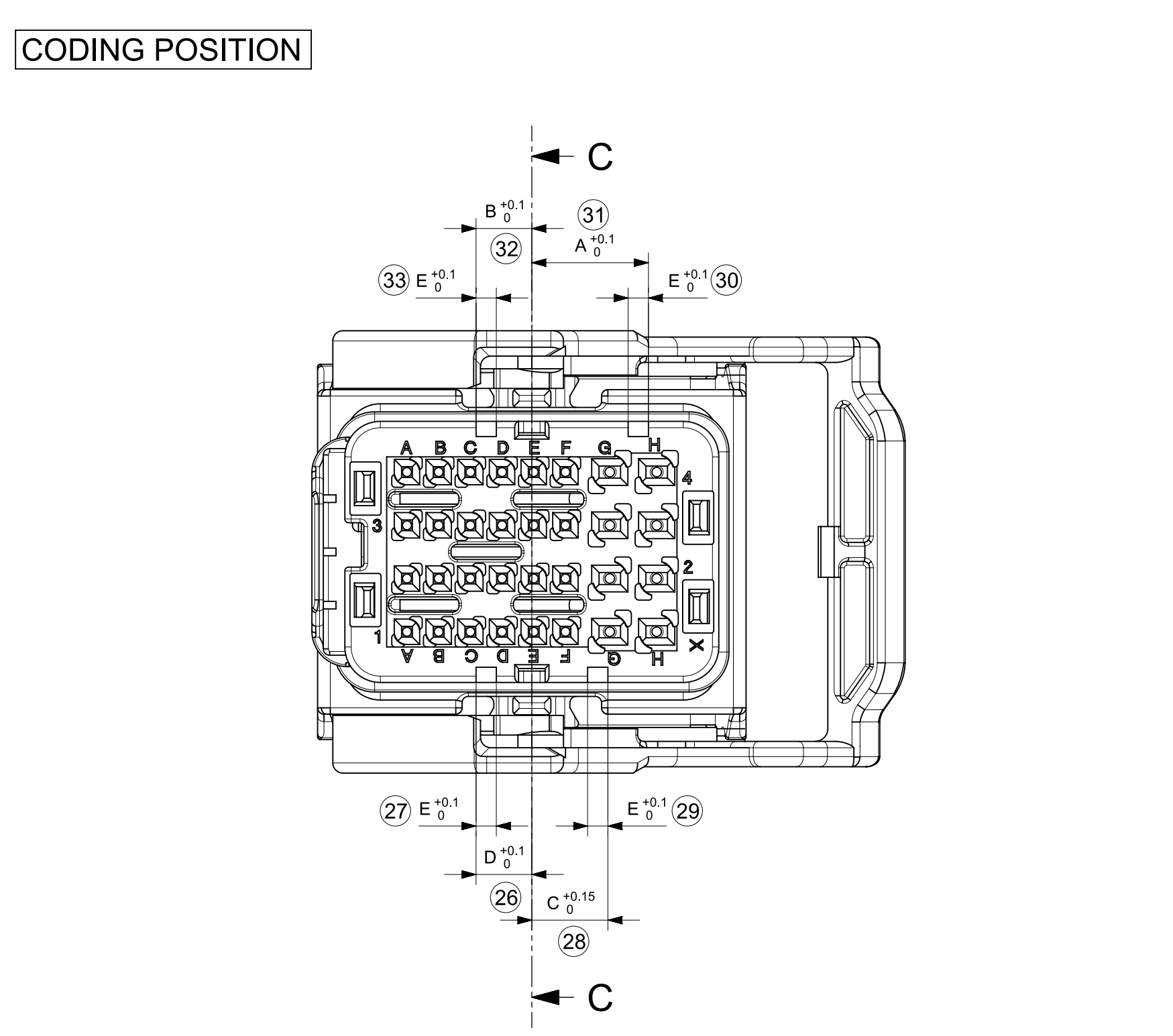
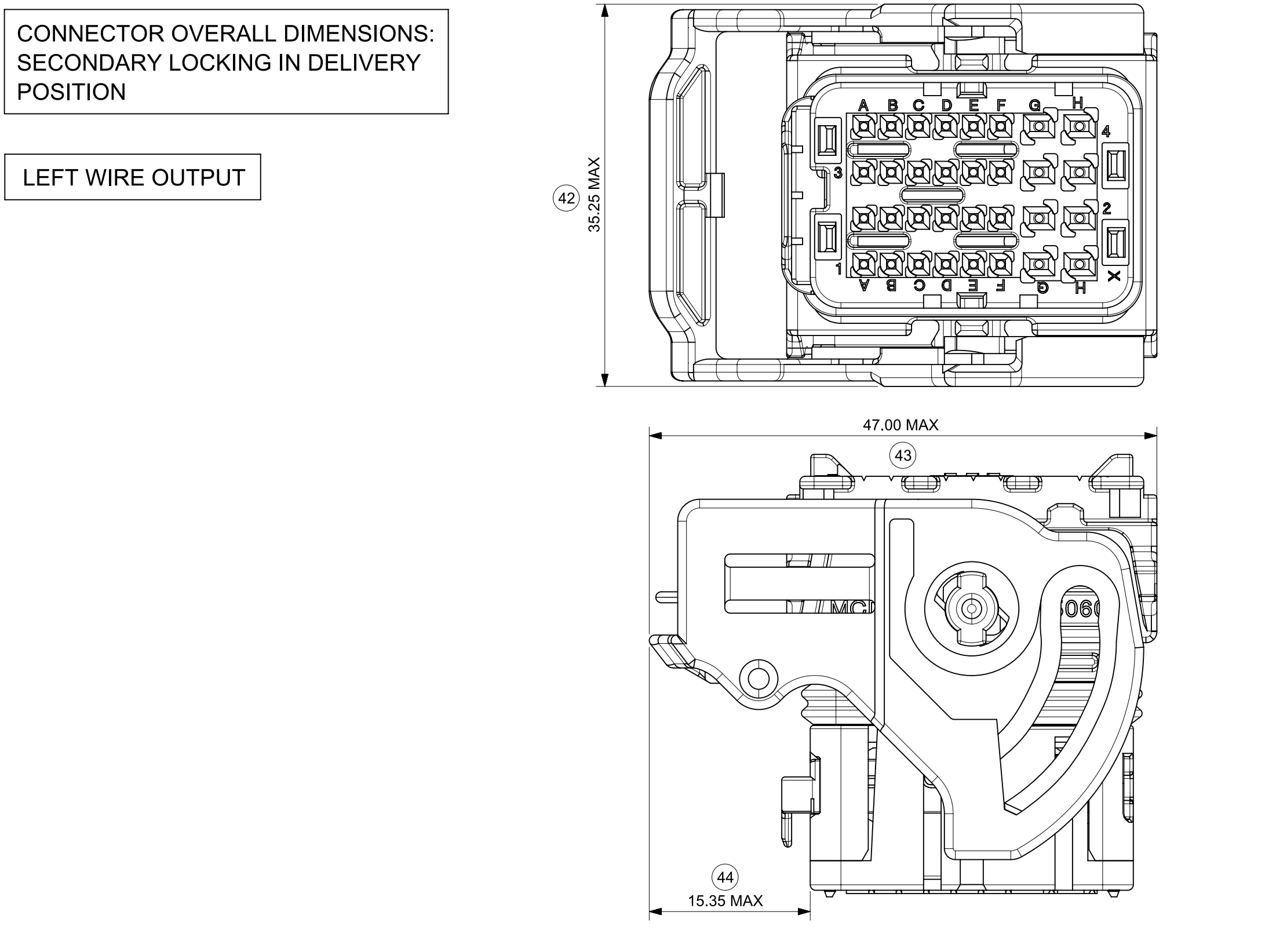
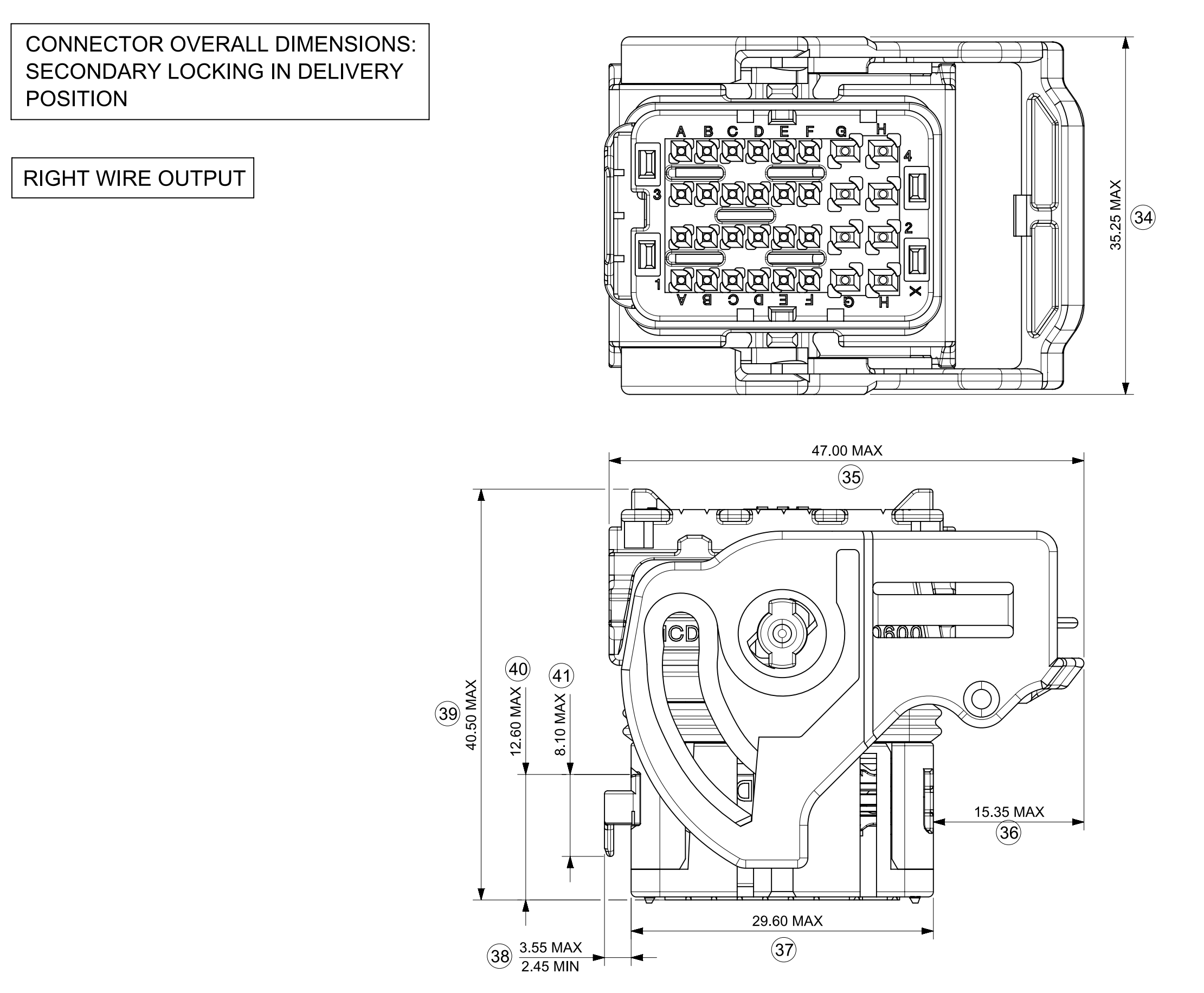
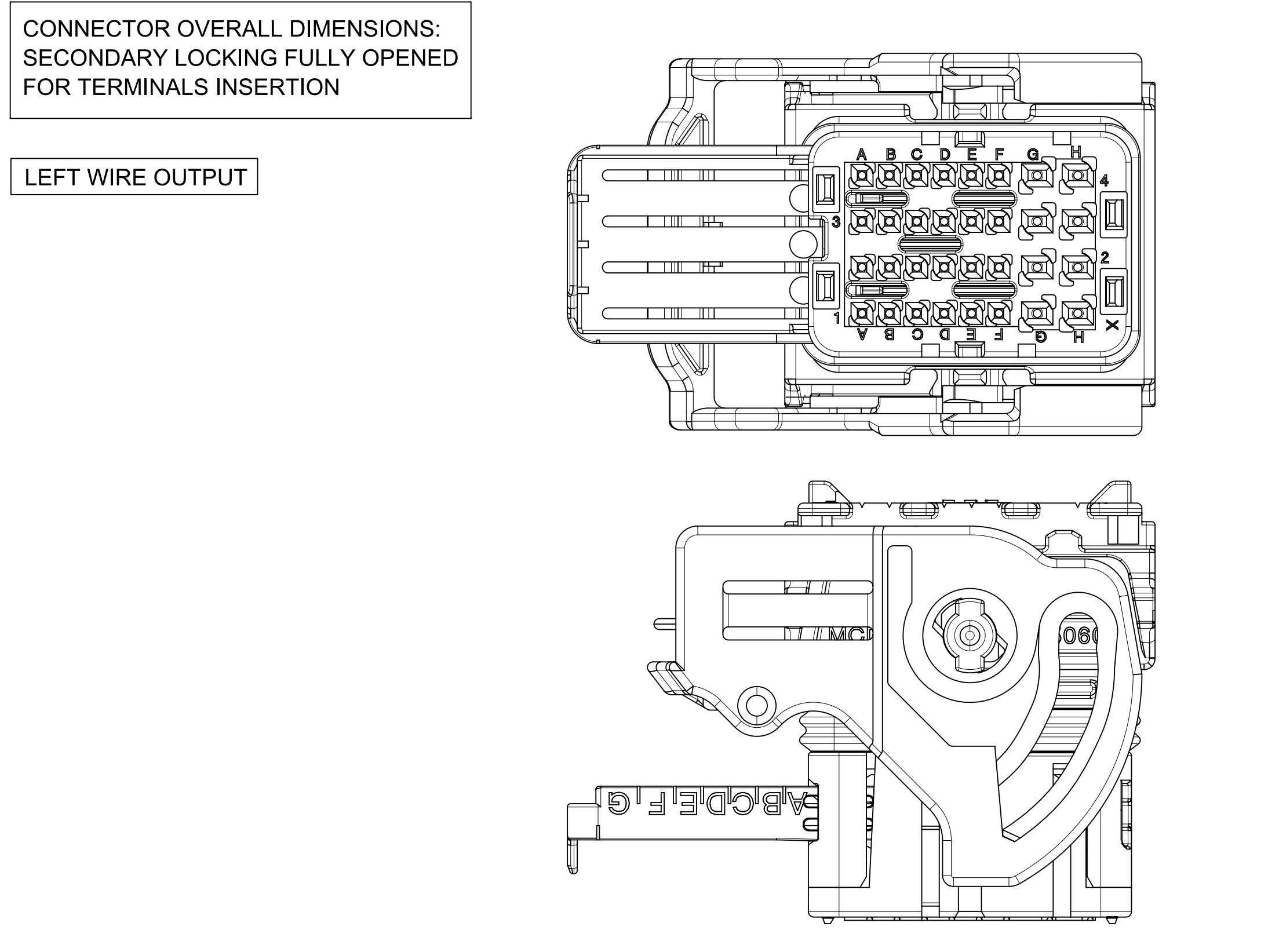
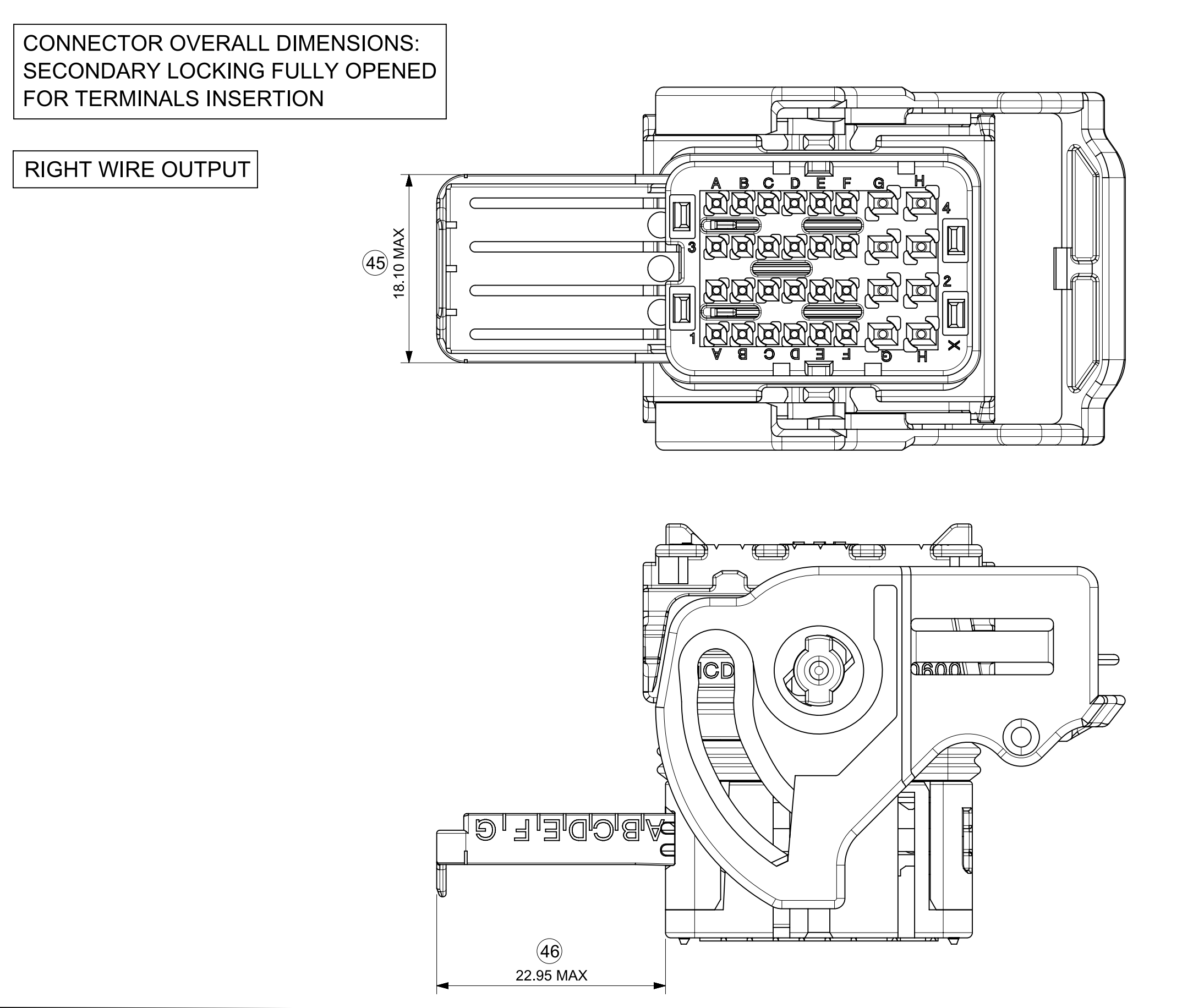
3-WIRES EXTERNAL DIAMETER USED:
FOR CP0.6 TERMINAL: USE WIRES WITH AN EXTERNAL DIAMETER BETWEEN Ø1.25MM MIN AND Ø1.90MM MAX
FOR CP1.5 TERMINAL: USE WIRES WITH AN EXTERNAL DIAMETER BETWEEN Ø1.40MM MIN AND Ø2.80MM MAX

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: Removed the marking "H" on the ISL.				molex											
MM		2.5:1																	
GENERAL TOLERANCES (UNLESS SPECIFIED)								CMC CONNECTOR 32 WAY MAT SEAL VERSION											
ANGULAR TOL ± 2°																			
4 PLACES		± 0.10000																	
3 PLACES		± 0.1000		PRODUCT CUSTOMER DRAWING															
2 PLACES		± 0.100																	
1 PLACE		± 0.10																	
0 PLACES		±																	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				STATUS: Production				DOCUMENT NUMBER SD-64319-001				DOC TYPE PSD		DOC PART 001		REVISION J3			
				DRWN: Mahesh KP															
				CHK'D: Prashant Manjunath Achari															
				APPR: SANDEEP S SIMHAN				2024-11-05				2024-12-06							
				FIRST ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER				SHEET NUMBER			
								A1-SIZE		64319		SEE TABLE		GENERAL MARKET				1 OF 2	



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: **MM** SCALE: **2.5:1**

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	± 2°
4 PLACES	± 0.10000
3 PLACES	± 0.1000
2 PLACES	± 0.100
1 PLACE	± 0.10
0 PLACES	±

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: Removed the marking "H" on the ISL.

STATUS: Production
DRWN: Mahesh KP
CHK'D: Prashant Manjunath Achari
APPR: SANDEEP S SIMHAN

2024-11-05
2024-12-06
2024-12-06

molex

CMC CONNECTOR 32 WAY
MAT SEAL VERSION

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-64319-001	PSD	001	J3

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE	GENERAL MARKET	2 OF 2