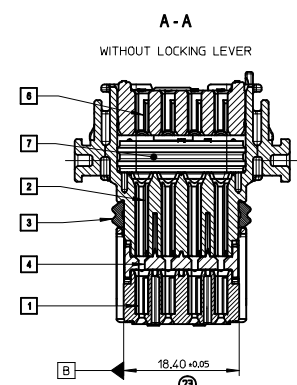
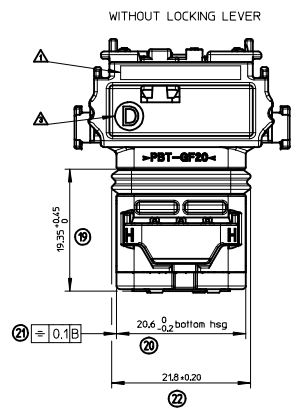
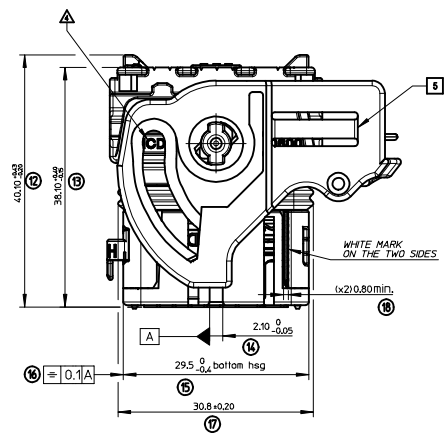
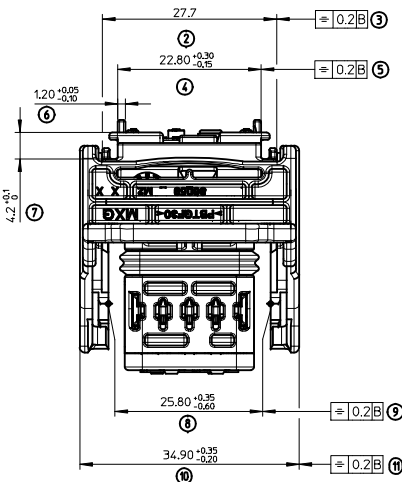


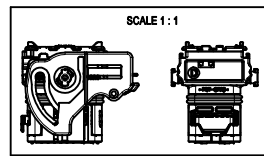
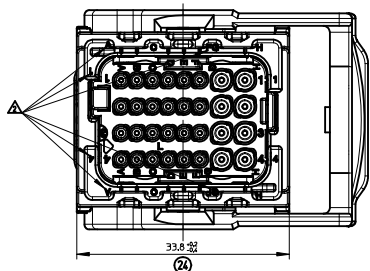
**LEFT WIRE OUTPUT**

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:**

- FOR ILLUSTRATION PURPOSE THE FEMALE HOUSING SHOWN IS THE RIGHT WIRE OUTPUT VERSION CODING 1
- APPLICATION SPECIFICATION: AS-64319-002
- 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 Ø1.00MM MIN AND Ø2.80MM MAX
- THE CONNECTOR FITS WITH WIRE CAP (32 WAY) MOLEX P/N 0643191201
- BLIND PLUG FOR CP 0.6 AND 15 CAVITIES (MOLEX P/N 0643251010 AND 0643251023) MUST BE USED ON THIS PART.
- DELIVERED PRODUCT WEIGHT: 27.6 g

POS.	DESIGNATION	MATERIAL	COLOR
17	MAT SEAL	Silicon	RED
18	BACK GRID 32W	>PBT-GF20<	GREY
19	LOCKING LEVER 32W	>PBT-GF30<	BLACK
20	SECONDARY LOCK	>PBT-GF20<	GREEN
21	PERIPHERAL SEAL 32W	Silicon	BLUE
22	BACK PART	>PBT-GF20<	BLACK
23	FRONT PART	>PBT-GF20<	COLOR LINKED TO KEYS

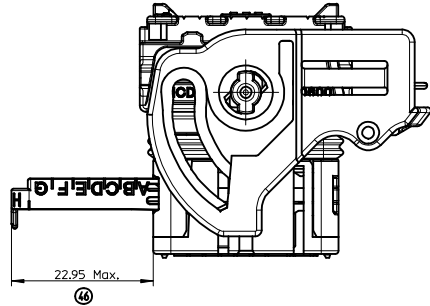
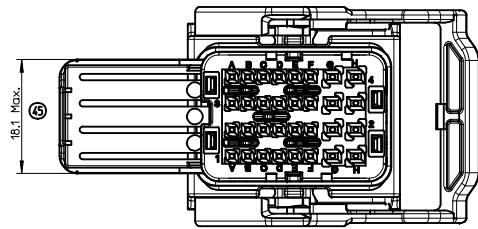
**MARKINGS :**

- 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

REVISED EC NO: G2017-0100 H DRAWING REVISIONS CHYKOCBOUCHAN 2017/04/25 APPR:SLAFAURE 2017/08/01	QUALITY SYMBOLS DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED) m/m INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.1 ± --- 1 PLACE ± 0.1 ± --- 0 PLACE ± --- ± ---	DIMENSION STYLE MM ONLY	SCALE 2.5:1	DESIGN UNITS METRIC	FIRST ANGLE PROJECTION	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DRAWN BY T. BADAROUX 2007/07/16	DATE	TITLE CMC CONNECTOR 32 WAY MAT SEAL VERSION	DOCUMENT NO. SD-64319-001	SHEET NO. 1 OF 2
		SEE CHARTS	CHECKED BY P. GRANDCLAUD 2007/07/16	DATE	APPROVED BY C. BOUCHAN 2007/07/16	DATE	MATERIAL NO.
		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	APPROVED BY C. BOUCHAN 2007/07/16	DATE	MATERIAL NO.	DATE	MATERIAL NO.

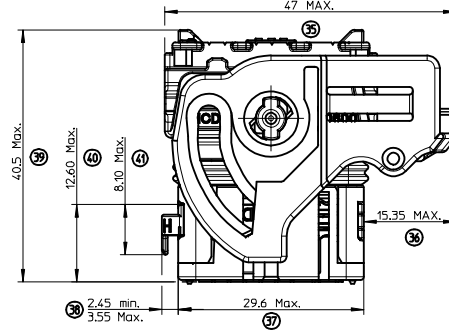
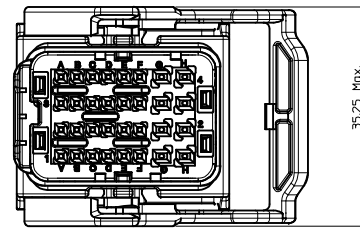
CONNECTOR OVERALL DIMENSIONS:  
SECONDARY LOCKING FULLY OPENED  
FOR TERMINALS INSERTION

RIGHT WIRE OUTPUT



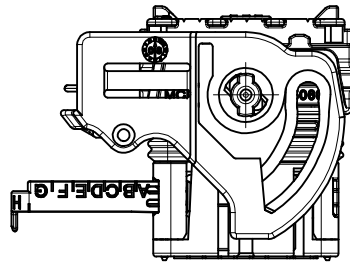
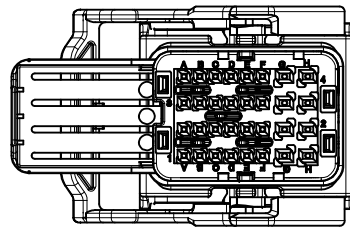
CONNECTOR OVERALL DIMENSIONS:  
SECONDARY LOCKING IN DELIVERY  
POSITION

RIGHT WIRE OUTPUT



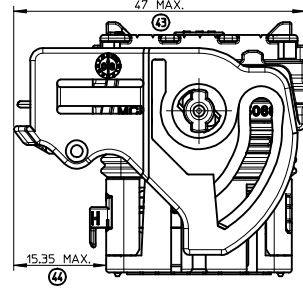
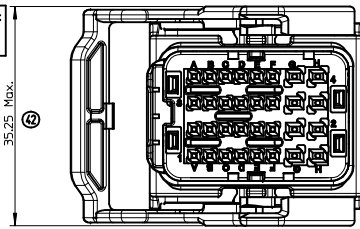
CONNECTOR OVERALL DIMENSIONS:  
SECONDARY LOCKING FULLY OPENED  
FOR TERMINALS INSERTION

LEFT WIRE OUTPUT

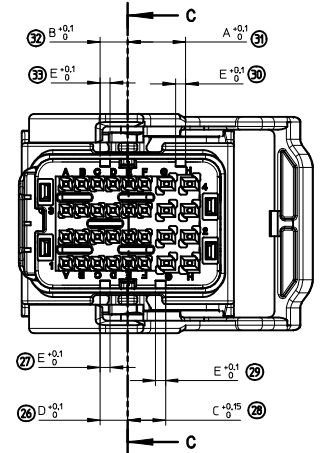


CONNECTOR OVERALL DIMENSIONS:  
SECONDARY LOCKING IN DELIVERY  
POSITION

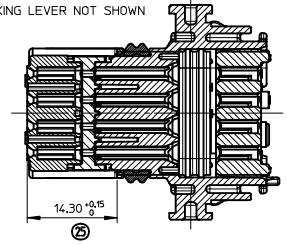
LEFT WIRE OUTPUT



CODING POSITION



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 PIN#	min / MAX WIRE INSULATION DIAMETER (mm)
A1 to F1 A2 to F2 A3 to F3 A4 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	
G1 to H4 G1 to H4	CP 0,6 0,75mm2	Tin plated	0643221029	Ø1.60 min / Ø1.90 Max
		Gold plated	0643221219	
	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		

REVISED  
EC NO: G2017-0100  
DRAWING REVISIONS 2017/04/25  
CHKD: COUCHAN 2017/04/25  
APPR: LAFAURE 2017/08/01

QUALITY SYMBOLS  
GENERAL TOLERANCES (UNLESS SPECIFIED)  
mm INCH  
4 PLACES ± --- ± ---  
3 PLACES ± --- ± ---  
2 PLACES ± 0.1 ± ---  
1 PLACE ± 0.1 ± ---  
0 PLACE ± --- ± ---  
ANGULAR ± 2 °  
DRAFT WHERE APPLICABLE  
MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE  
MM ONLY  
DRAWN BY DATE  
T. BADAROUX 2007/07/16  
CHECKED BY DATE  
P. GRANDCLAUD 2007/07/16  
APPROVED BY DATE  
C. BOUCHAN 2007/07/16  
MATERIAL NO.  
SEE SHEET 1

SCALE 2.5:1  
DESIGN UNITS METRIC  
FIRST ANGLE PROJECTION  
TITLE  
CMC CONNECTOR 32 WAY  
MAT SEAL VERSION  
DOCUMENT NO.  
SD-64319-001  
SHEET NO.  
2 OF 2

