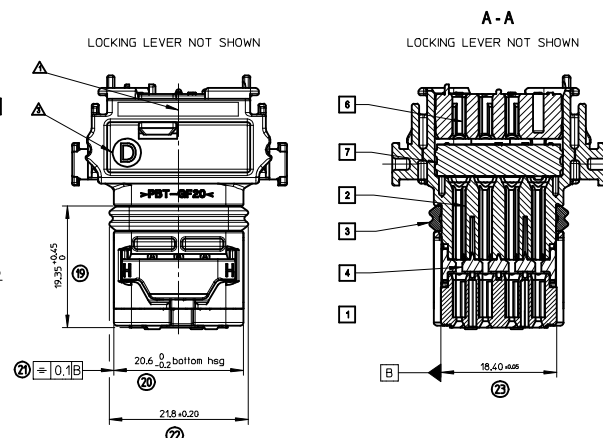
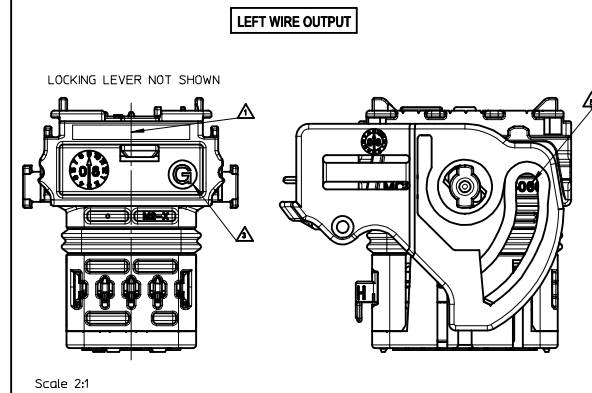
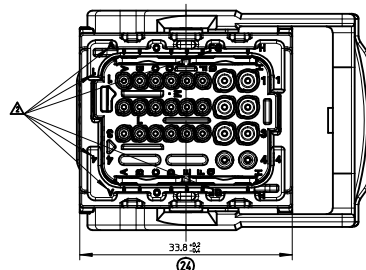
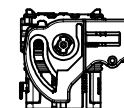
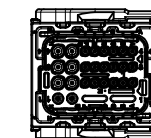
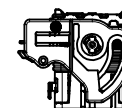


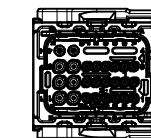
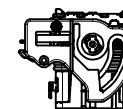
LINE N°1 CLOSED
YELLOW BACK GRID VERSION



LEFT WIRE OUTPUT	
MATERIAL NUMBER	COLOR
0643192211	BLACK

RIGHT WIRE OUTPUT	
MATERIAL NUMBER	COLOR
0643194211	BLACK

LINE N°4 CLOSED
GREEN BACK GRID VERSION



LEFT WIRE OUTPUT	
MATERIAL NUMBER	COLOR
0643192218	GREY

RIGHT WIRE OUTPUT	
MATERIAL NUMBER	COLOR
0643194218	GREY

NOTES:

- 1-FOR ILLUSTRATION PURPOSE THE FEMALE HOUSING SHOWN IS THE RIGHT WIRE OUTPUT VERSION CODING 1
- 2-APPLICATION SPECIFICATION: AS-64319-001
- 3-WIRES EXTERNAL DIAMETER USED:
FOR CP16 TERMINAL: USE WIRES WITH AN EXTERNAL DIAMETER BETWEEN Ø125MM MIN AND Ø190MM MAX
FOR CP15 TERMINAL: USE WIRES WITH AN EXTERNAL DIAMETER BETWEEN Ø140MM MIN AND Ø280MM MAX
- 4-THE CONNECTOR FITS WITH WIRE CAP (32 WAY) MOLEX P/N 064319P201
- 5-BLIND PLUG FOR 0.6 AND 15 CAVITIES (MOLEX P/N 0643251010 AND 0643251023) MUST BE USED ON THIS PART.
- 6-DELIVERED PRODUCT WEIGHT: 27.6 g

7	MAT SEAL	Silicon	RED
8	BACK GRID 24W	>PBT-GF20<	COLOR LINKED TO LINE CLOSING
8	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

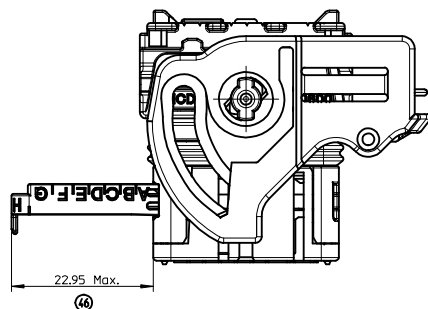
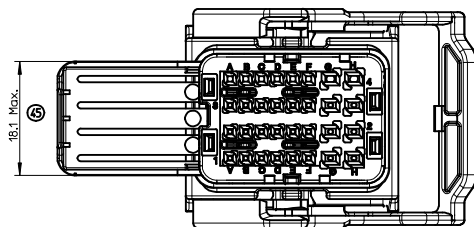
MARKINGS :

- ▲ - Assembled part tracability:
Day + Year
- ▲ - Terminal cavities identification
- ▲ - Lever position indicator:
"D" LETTER VISIBLE = part with "LEVER ON THE RIGHT"
"G" LETTER VISIBLE = part with "LEVER ON THE LEFT"
- ▲ - Supplier identification
- ▲ - Material identification

MAT SEAL UPDATE EC NO: 62004-0073 DRAWING ESSS 2013/10/29 CHECKED BY: CHUKO BOURHAN APPROVED ESSS 2013/11/12	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2.5:1	DESIGN UNITS METRIC	FIRST ANGLE PROJECTION	
		mm	INCH	DRAWN BY T. BADAROUX	DATE 2008/05/23	TITLE CMC CONNECTOR 24 WAY MAT SEAL VERSION			
		4 PLACES $\pm$ ----	$\pm$ ----	CHECKED BY P. GRANDCLAUD	DATE 2008/05/23				
		3 PLACES $\pm$ ----	$\pm$ ----	APPROVED BY C. BOUCHAN	DATE 2008/05/23	molex DOCUMENT NO. SD-64319-003 SHEET NO. 1 OF 2			
		2 PLACES ± 0.1	$\pm$ ----	MATERIAL NO.					
		1 PLACE ± 0.1	$\pm$ ----	SEE CHART SIZE A1					
	0 PLACE $\pm$ ----	$\pm$ ----	ANGULAR $\pm 2^\circ$ DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

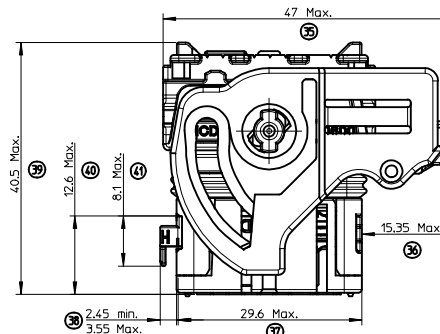
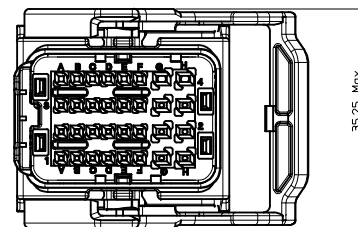
CONNECTOR OVERALL DIMENSIONS:
SECONDARY LOCKING FULLY OPENED
FOR TERMINALS INSERTION

RIGHT WIRE OUTPUT

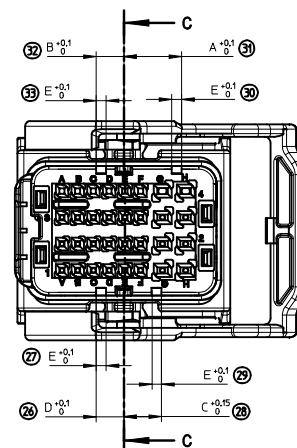


CONNECTOR OVERALL DIMENSIONS:
SECONDARY LOCKING IN DELIVERY
POSITION

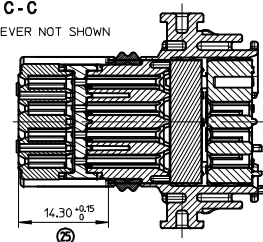
RIGHT WIRE OUTPUT



CODING POSITION

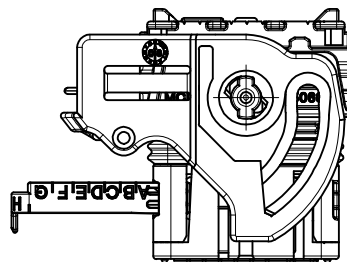
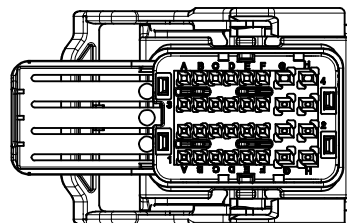


C-C
LOCKING LEVER NOT SHOWN



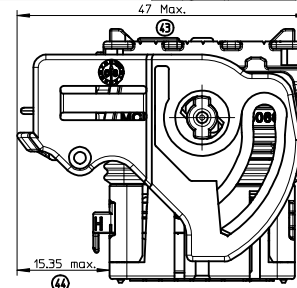
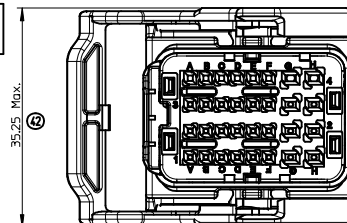
CONNECTOR OVERALL DIMENSIONS:
SECONDARY LOCKING FULLY OPENED
FOR TERMINALS INSERTION

LEFT WIRE OUTPUT



CONNECTOR OVERALL DIMENSIONS:
SECONDARY LOCKING IN DELIVERY
POSITION

LEFT WIRE OUTPUT



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 #	FEMALE TERMINALS (Section mm2)	PLATING	MOLEX PIN*	wire / 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	Ø125 min / Ø140 Max
		Gold plated	0643221229	
	CP 0,6 0,5mm2	Tin plated	0643221039	Ø140 min / Ø170 Max
		Gold plated	0643221239	
G1 to H4 G1 to H4	CP 0,6 0,75mm2	Tin plated	0643221029	Ø160 min / Ø190 Max
		Gold plated	0643221219	
	CP 1,5 0,5mm2 to 1mm2	Tin plated	0643231029	Ø140 min / Ø215 Max
		Gold plated	0643231319	
	CP 1,5 >1mm2 to 2mm2	Tin plated	0643231039	Ø210 min / Ø280 Max
		Gold plated	0643231219	

MAT SEAL UPDATE
EC NO: G2014-0073
DRAWN BY: DR.MOPLISSIS
CHECKED BY: CH.KOUCBOUCHAN
APPROVED BY: DR.MOPLISSIS
DATE: 2013/10/29
DATE: 2013/10/29
DATE: 2013/11/12

QUALITY SYMBOLS
DESCRIPTION
REV

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: T.BADAROUX
CHECKED BY: P.GRANDCLAUD
APPROVED BY: C. BOUCHAN
DATE: 2008/05/23
DATE: 2008/05/23
DATE: 2008/05/23
MATERIAL NO.
SEE SHEET 1
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX
INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

SCALE: 2,5:1
DESIGN UNITS: METRIC
FIRST ANGLE PROJECTION
TITLE: CMC CONNECTOR 24 WAY
MAT SEAL VERSION
DOCUMENT NO.: SD-64319-003
SHEET NO.: 2 OF 2