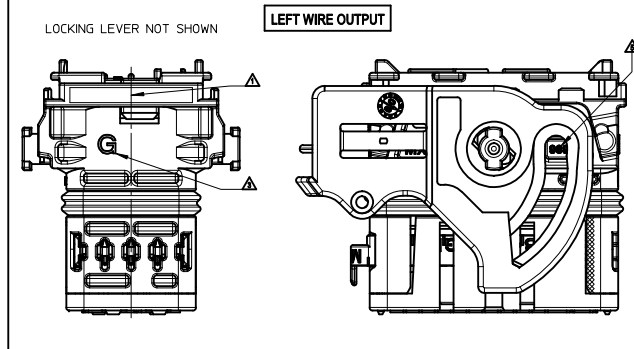
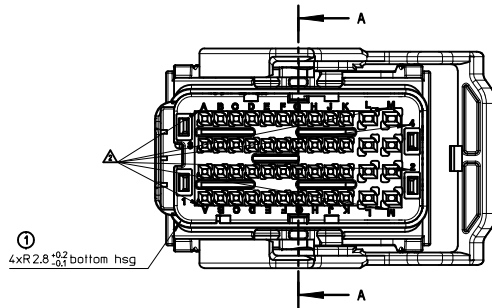
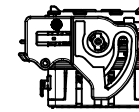
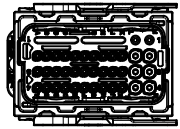


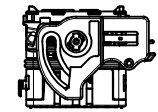


LINE N°1 CLOSED
YELLOW BACK GRID VERSION



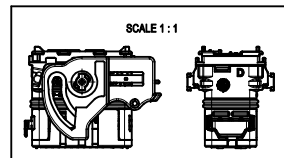
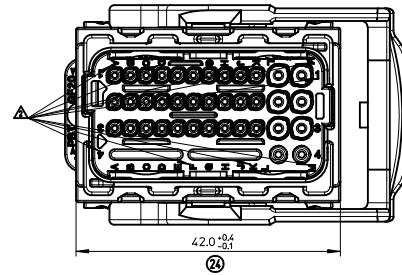
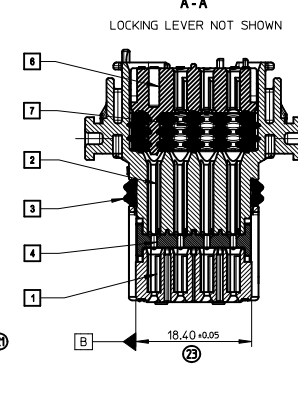
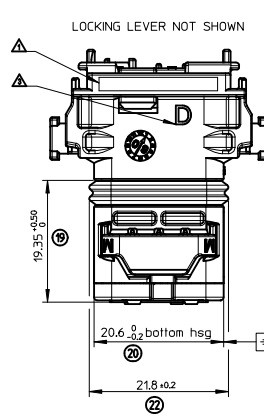
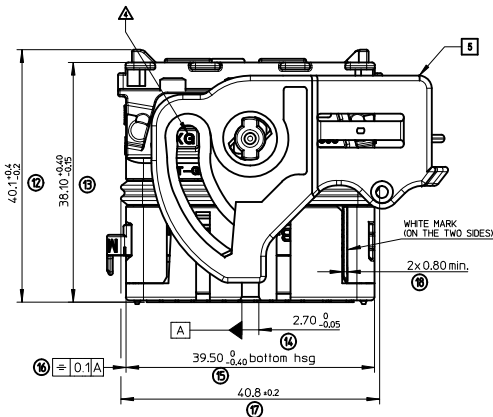
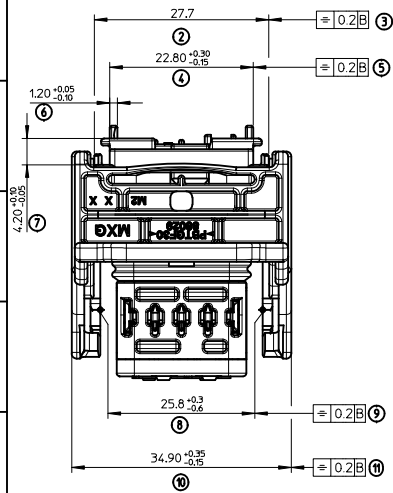
LEFT WIRE OUTPUT

MATERIAL NUMBER	COLOR
0643202311	BLACK
0643202319	BROWN



RIGHT WIRE OUTPUT

MATERIAL NUMBER	COLOR
0643204311	BLACK
0643204319	BROWN



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 CP0.6 TERMINAL: USED WIRES WITH AN EXTERNAL DIAMETER BETWEEN Ø1.25MM MIN AND Ø1.90MM MAX FOR CP15 TERMINAL: USED WIRES WITH AN EXTERNAL DIAMETER BETWEEN Ø1.40MM MIN AND Ø2.80MM MAX
- 4-THE CONNECTOR FITS WITH WIRE CAP (48 WAY) MOLEX P/N 0643201301
- 5-BLIND PLUG FOR 06 AND 15 CAVITIES (MOLEX P/N 0643251010 AND 0643251023) MUST BE USED ON THIS PART.
- 6-DELIVERED PRODUCT WEIGHT: 33.8 g

POS.	DESIGNATION	MATERIAL	COLOR
7	MAT SEAL	SILICON	BLUE
8	BACK GRID 36W	>PBT-GF20<	YELLOW
9	LOCKING LEVER 48W	>PBT-GF30<	BLACK
4	SECONDARY LOCK	>PBT-GF20<	GREY
3	PERIPHERAL SEAL 48W	SILICON	RED
2	BACK PART	>PBT-GF20<	BLACK
1	FRONT PART	>PBT-GF20<	BLACK

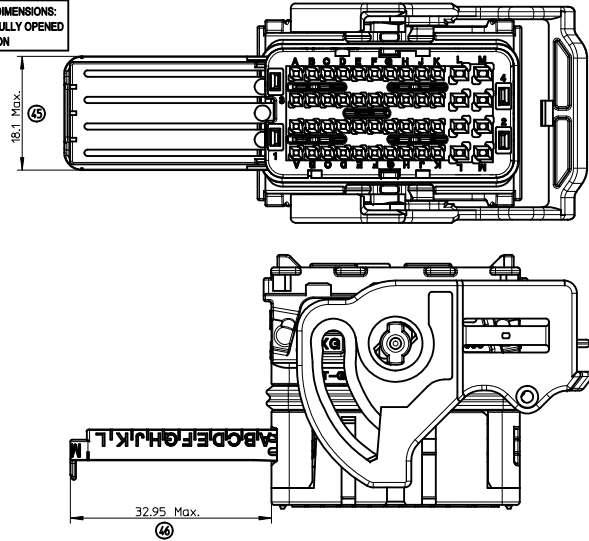
MARKINGS :

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

UPDATED DRAWING EC NO: G2009-0338 DRAWING DESIGNEES CHKDC: BOUCHAN APPR: BOUCHAN 2010/02/04 2010/02/04 2010/02/04	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2.5:1	DESIGN UNITS METRIC	FIRST ANGLE PROJECTION	TITLE CMC CONNECTOR 36 WAY MAT SEAL VERSION
		mm	INCH	DRAWN BY T. BADAROUX 2008/05/23		DATE	DATE		
REV	B	4 PLACES	± 0.1	± 0.1	± 0.1	± 0.1	± 0.1	MOLEX INCORPORATED	SHEET NO. 1 OF 2
		3 PLACES	± 0.1	± 0.1	± 0.1	± 0.1	± 0.1		
		2 PLACES	± 0.1	± 0.1	± 0.1	± 0.1	± 0.1		
		1 PLACE	± 0.1	± 0.1	± 0.1	± 0.1	± 0.1		
		ANGULAR ± 2°		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE SHEET 2			
						THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

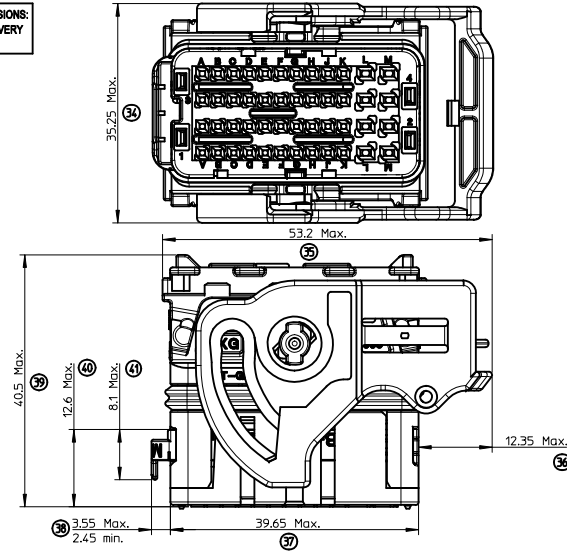
CONNECTOR OVERALL DIMENSIONS:
SECONDARY LOCKING FULLY OPENED
FOR TERMINAL INSERTION

RIGHT WIRE OUTPUT



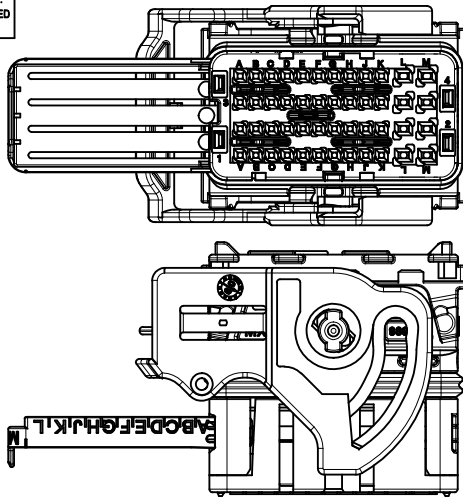
CONNECTOR OVERALL DIMENSIONS:
SECONDARY LOCKING IN DELIVERY
POSITION

RIGHT WIRE OUTPUT



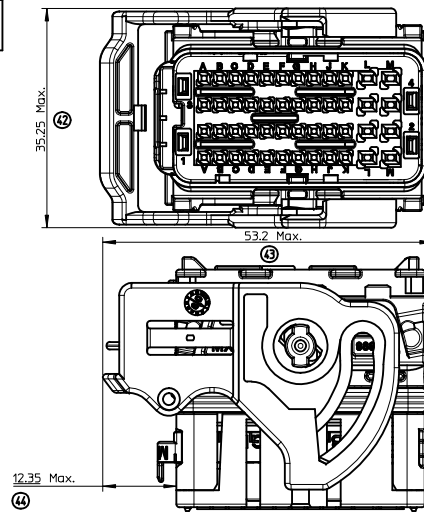
CONNECTOR OVERALL DIMENSIONS:
SECONDARY LOCKING FULLY OPENED
FOR TERMINAL INSERTION

LEFT WIRE OUTPUT

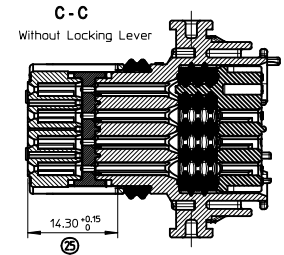
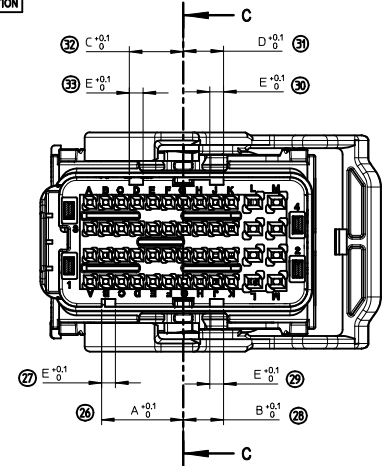


CONNECTOR OVERALL DIMENSIONS:
SECONDARY LOCKING IN DELIVERY
POSITION

LEFT WIRE OUTPUT



CODING POSITION



COLOR	KEYING	A	B	C	D	E
BLACK	1	13	6.4	8.6	6.4	2.2
GREY	2	10.8	8.6	13	8.6	2.2
BROWN	3	8.6	10.8	13	13	2.2
GREEN	4	10.8	13	6.4	6.4	2.2

TERMINALS USED

CAVITY N°	FEMALE TERMINALS (Section mm2)	PLATING	MOLEX PIN*	min / MAX WIRE INSULATION DIAMETER (mm)
A1 to K1 A2 to K2 A3 to K3 A4 to K4	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	
L1 to L4 M1 to M4	CP 0.6 0.75mm2	Tin plated	0643221029	Ø1.60 min / Ø1.90 Max
		Gold plated	0643221219	
	CP 15 0.5mm2 to 1mm2	Tin plated	0643231029	Ø1.40 min / Ø2.15 Max
		Gold plated	0643231319	
	CP 15 >1mm2 to 2mm2	Tin plated	0643231039	Ø2.10 min / Ø2.80 Max
		Gold plated	0643231219	

UPDATED DRAWING

EC NO: G2008-0338
DRAWING DESIGNED BY: 2010/02/04
CHKD: C. BOUCHAN 2010/02/04
APPR: C. BOUCHAN 2010/02/04

DESCRIPTION

GENERAL TOLERANCES
(UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± 0.1	± 0.004
3 PLACES	± 0.1	± 0.004
2 PLACES	± 0.1	± 0.004
1 PLACE	± 0.1	± 0.004
ANGULAR ± 2°		

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE
MM ONLY

DRAWN BY	T. BADAROUX	DATE	2008/05/23
CHECKED BY		DATE	
APPROVED BY	P. GRANDCLAUD	DATE	2008/05/23
MATERIAL NO.	C. BOUCHAN	DATE	2008/05/23

SEE CHART SH.2
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

CMC CONNECTOR 36 WAY
MAT SEAL VERSION

MOLEX INCORPORATED
DOCUMENT NO.
SD-64320-003

SHEET NO.
2 OF 2