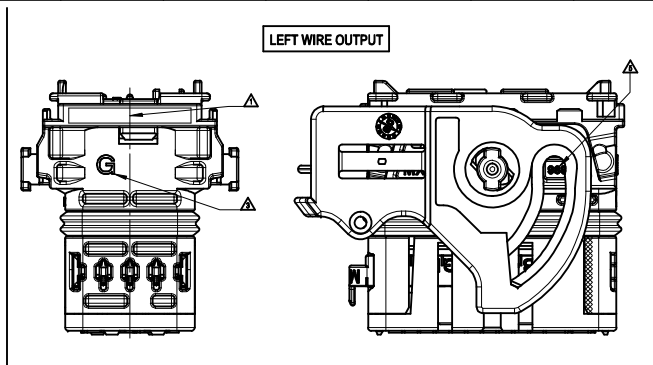
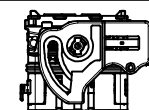
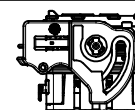
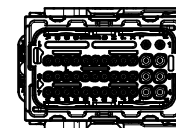




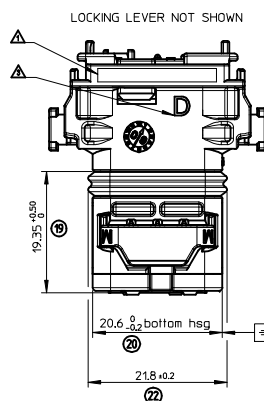
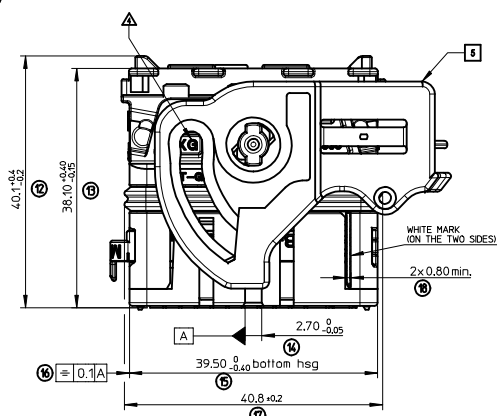
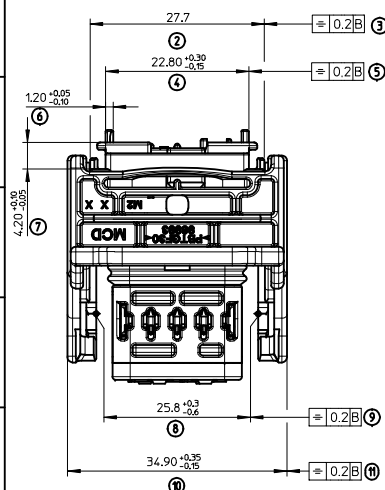
LINE N°1 CLOSED
YELLOW BACK GRID VERSION



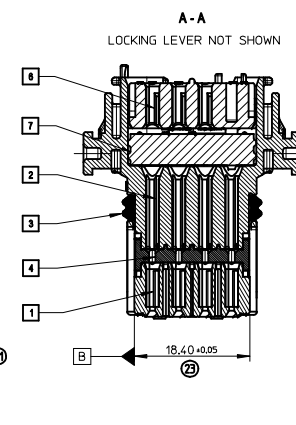
LEFT WIRE OUTPUT

RIGHT WIRE OUTPUT

MATERIAL NUMBER	COLOR
0643202311	BLACK
0643202319	BROWN

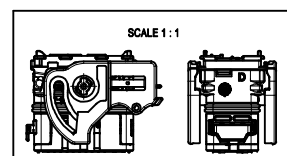
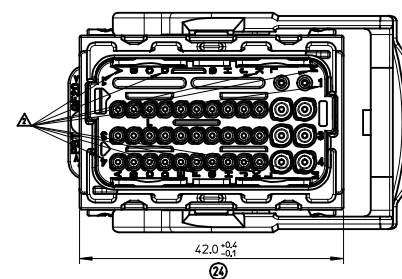


LOCKING LEVER NOT SHOWN



A-A

LOCKING LEVER NOT SHOWN



SCALE 1 : 1

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 0.6 AND 1.5 CAVITIES (MOLEX P/N 0643251010 AND 0643251023)
MUST BE USED ON THIS PART.

6-DELIVERED PRODUCT WEIGHT: 33.8 g

7	MAT SEAL	SILICON	RED
8	BACK GRID 36W	>PBT-GF20<	YELLOW
5	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<	COLOR LINKED TO KEYING
POS.	DESIGNATION	MATERIAL	COLOR

MARKINGS :

⚠ - Assembled part tracability:
Day + Year

△ - Terminal cavities identification

A - 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

MAT SEAL UPDATE	
EC NO: G2014-0075	2013/10/29
DRWN:OPLESSIS	2013/10/29
CHKD:CBOUCHAN	2013/11/12
APPR:OPLESSIS	

QUALITY SYMBOLS	DESCRIPTION	UNIT	TESTING METHOD
 = 0			
 = 0			
 = 0			

GENERAL TOLERANCES
(UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.1	± ---
1 PLACE	± 0.1	± ---
0 PLACE	± 0.1	± ---

ANGULAR ± 2 °

DRAFT WHERE APPLICABLE
MUST REMAIN

	DIMENSION STYLE MM ONLY
--	----------------------------

DRAWN BY		DATE
T. BADAROUX		2008/05/23
CHECKED BY		DATE
P. GRANDCLAUD		2008/05/23
APPROVED BY		DATE
C. BOUCHAN		2008/05/23
MATERIAL NO.		
SEE CHART		
SIZE	THIS DRAWING CONT.	

SCALE 2.5:1	DESIGN UNITS METRIC	 FIRST ANGLE PROJECTION
----------------	------------------------	---

2.5.1	METRIC	2D PROJECTION
TITLE	CMC CONNECTOR 36 WAY MAT SEAL VERSION	

molex

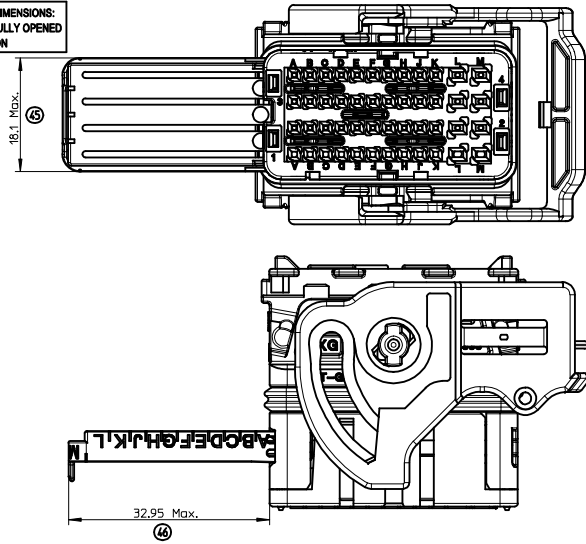
DOCUMENT NO.
SD-64320-003

SHEET NO.
1 OF 2

tb_frame_A1_P_AM_F
Rev. G 2012/01/11

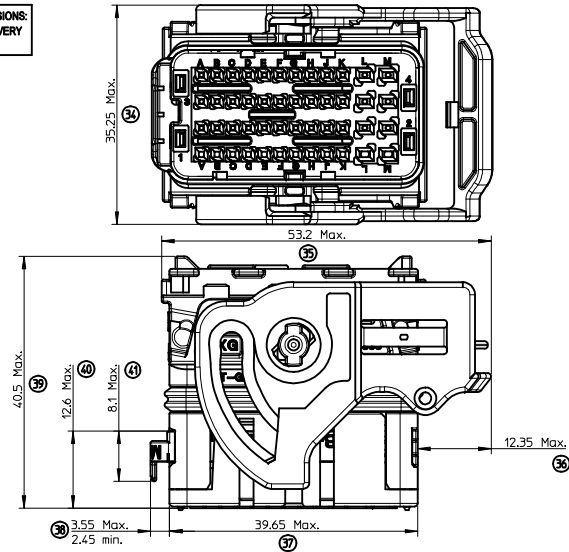
CONNECTOR OVERALL DIMENSIONS:
SECONDARY LOCKING FULLY OPENED
FOR TERMINAL INSERTION

RIGHT WIRE OUTPUT



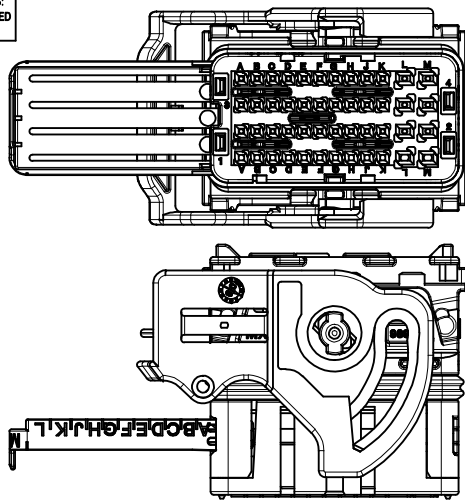
CONNECTOR OVERALL DIMENSIONS:
SECONDARY LOCKING IN DELIVERY
POSITION

RIGHT WIRE OUTPUT



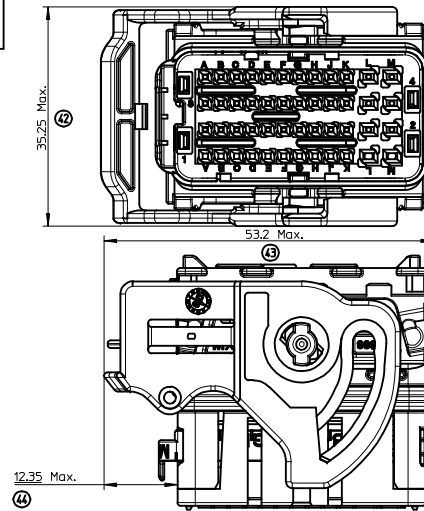
CONNECTOR OVERALL DIMENSIONS:
SECONDARY LOCKING FULLY OPENED
FOR TERMINAL INSERTION

LEFT WIRE OUTPUT

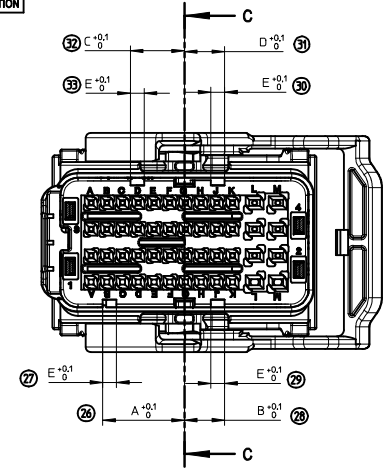


CONNECTOR OVERALL DIMENSIONS:
SECONDARY LOCKING IN DELIVERY
POSITION

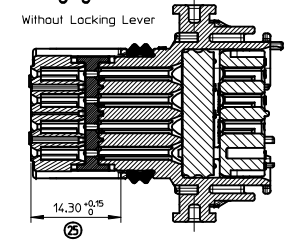
LEFT WIRE OUTPUT



CODING POSITION



C - C
Without Locking Lever



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 used)	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 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	

MAT SEAL UPDATE
EC NO: G2014-0075
DRAWN BY: T. BADAROUX
CHECKED BY: P. GRANDCLAUD
APPROVED BY: C. BOUCHAN
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 ± 0.1 ± ---
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 36 WAY
MAT SEAL VERSION
DOCUMENT NO.: SD-64320-003
SHEET NO.: 2 OF 2

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