

20

19

18

17

16

15

14

13

12

11

10

9

8

7

6

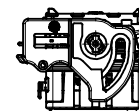
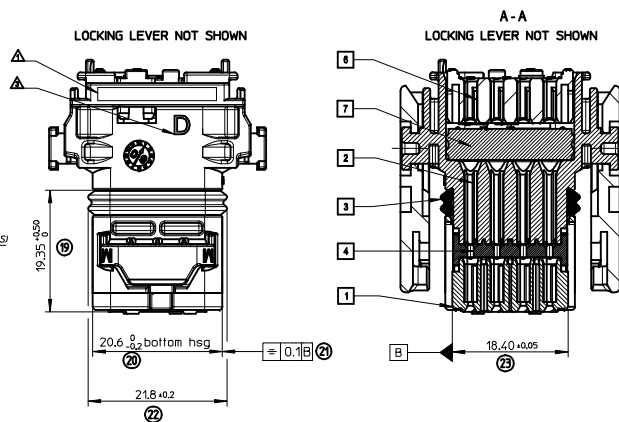
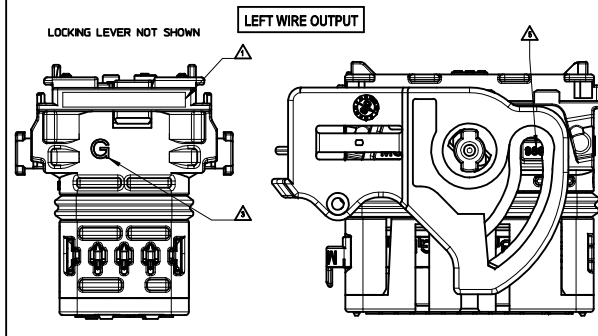
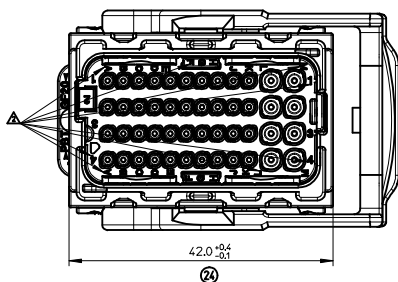
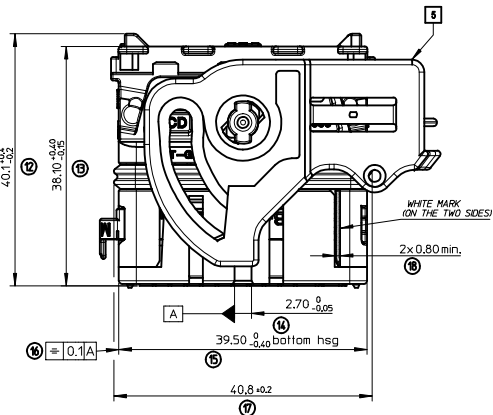
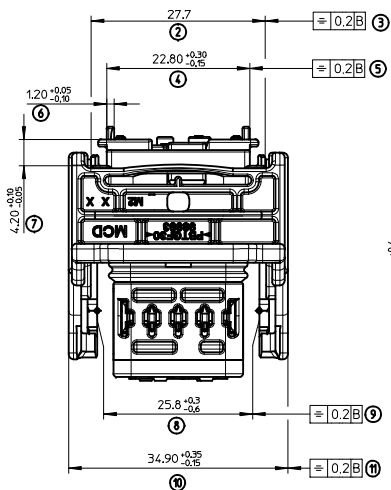
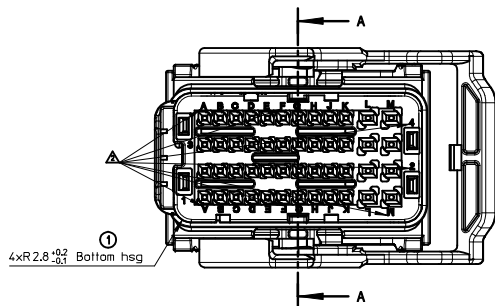
5

4

3

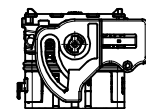
2

1



LEFT WIRE OUTPUT

MATERIAL NUMBER	COLOR
06432013H	BLACK
06432013B	GREY
06432013V	BROWN
06432013S	GREEN



RIGHT WIRE OUTPUT

MATERIAL NUMBER	COLOR
06432033H	BLACK
06432033B	GREY
06432033V	BROWN
06432033S	GREEN

NOTES:

1-FOR ILLUSTRATION PURPOSE THE FEMALE HOUSING SHOWN IS THE RIGHT WIRE OUTPUT VERSION CODING 1

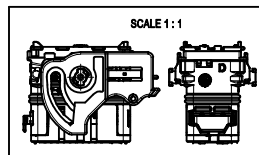
2-APPLICATION SPECIFICATION: AS-64319-001

3-WIRES EXTERNAL DIAMETER USED:
FOR CP04 TERMINAL: USE WIRES WITH AN EXTERNAL DIAMETER BETWEEN #125MM MIN AND #150MM MAX
FOR CP15 TERMINAL: USE WIRES WITH AN EXTERNAL DIAMETER BETWEEN #140MM MIN AND #280MM 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



REF.	DESIGNATION	MATERIAL	COLOR
7	MAT SEAL	Silicon	RED
8	BACK GRID 48W	>PBT-GF20<	GREY
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<	COLOR LINKED TO KEYING

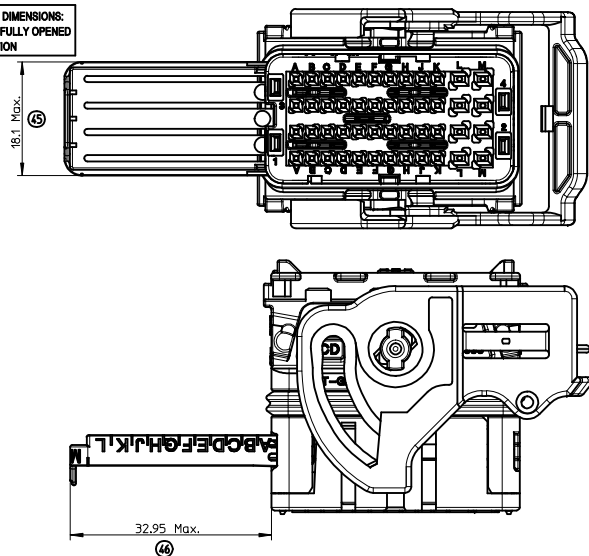
MARKINGS:

- Assembled part traceability Year + Day
- Terminal cavities identification
- Lever position indicator: 'D' LETTER VISIBLE- part with 'RIGHT WIRE OUTPUT' 'G' LETTER VISIBLE- part with 'LEFT WIRE OUTPUT'
- Supplier identification
- Material identification

UPDATED DWG EC NO: G2014-0050 DRAWN BY: T.BADAROUX CHKD: P. GRANDCLAUD APPROVED: C. BOUCHAN REV	DESCRIPTION 2013/10/14	GENERAL TOLERANCES (UNLESS SPECIFIED)				DIMENSION STYLE MM ONLY		SCALE 2.5:1	DESIGN UNITS METRIC	 FIRST ANGLE PROJECTION	TITLE CMC CONNECTOR 48 WAY MAT SEAL VERSION	
		mm		INCH		DRAWN BY	DATE					
		4 PLACES ± 0.1		± 0.004		T. BADAROUX		2007/07/16				
		3 PLACES ± 0.1		± 0.004		CHECKED BY		DATE				
		2 PLACES ± 0.1		± 0.004		P. GRANDCLAUD		2007/07/16				
		1 PLACE ± 0.1		± 0.004		APPROVED BY		DATE				
		ANGULAR ± 2°				C. BOUCHAN		2007/07/16			MOLEX INCORPORATED	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						MATERIAL NO.		DOCUMENT NO.		SD-64320-001		
SIZE		SEE CHARTS				SHEET NO.		1 OF 2		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

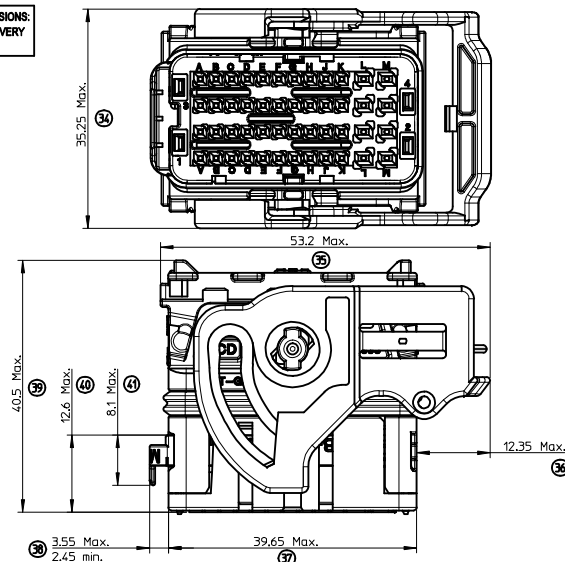
CONNECTOR OVERALL DIMENSIONS:
SECONDARY LOCKING FULLY OPENED
FOR TERMINAL INSERTION

RIGHT WIRE OUTPUT



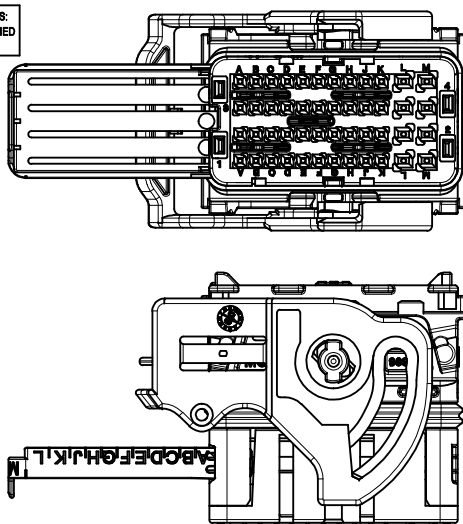
CONNECTOR OVERALL DIMENSIONS:
SECONDARY LOCKING IN DELIVERY
POSITION

RIGHT WIRE OUTPUT



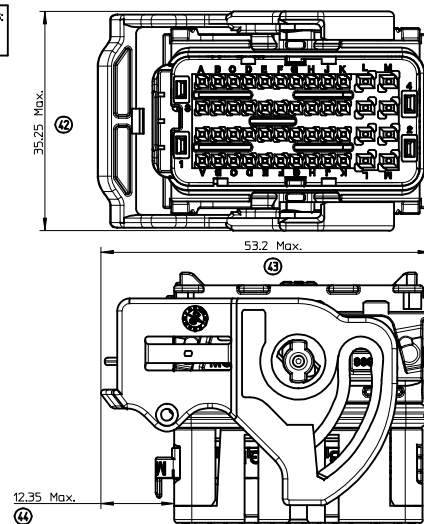
CONNECTOR OVERALL DIMENSIONS:
SECONDARY LOCKING FULLY OPENED
FOR TERMINAL INSERTION

LEFT WIRE OUTPUT

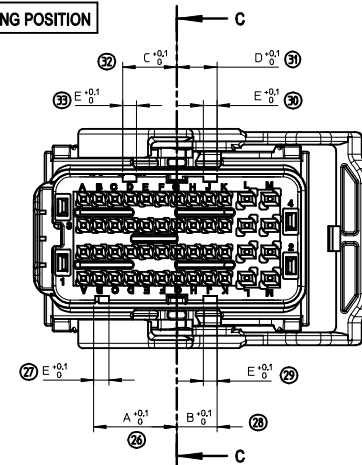


CONNECTOR OVERALL DIMENSIONS:
SECONDARY LOCKING IN DELIVERY
POSITION

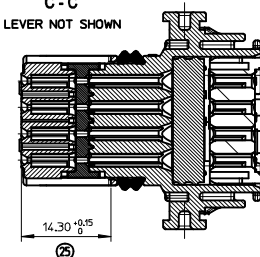
LEFT WIRE OUTPUT



CODING POSITION



C - C
LOCKING LEVER NOT SHOWN



COLOR	CODING	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 P/N°	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	0643231019	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	

UPDATED DWG
EC NO: G2014-0050
DRAWN BY: T. BADAROUX
CHKD: P. GRANDCLAUD
APPROVED BY: C. BOUCHAN
REV

GENERAL TOLERANCES
(UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± 0.1	± 0.004
3 PLACES	± 0.15	± 0.006
2 PLACES	± 0.2	± 0.008
1 PLACE	± 0.3	± 0.012

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: 2007/07/16

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

DOCUMENT NO.
SD-64320-001

SHEET NO.
2 OF 2

FIRST ANGLE
PROJECTION

CMC CONNECTOR 48 WAY
MAT SEAL VERSION

MOLEX INCORPORATED

SD-64320-001