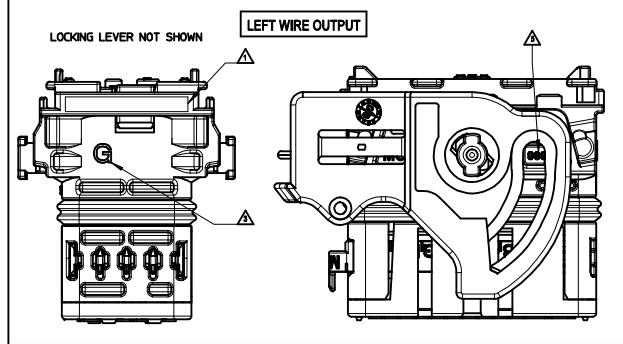
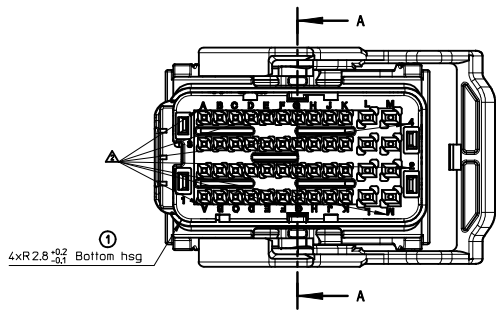
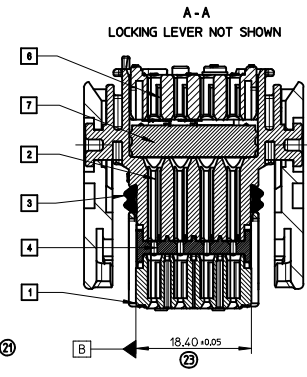
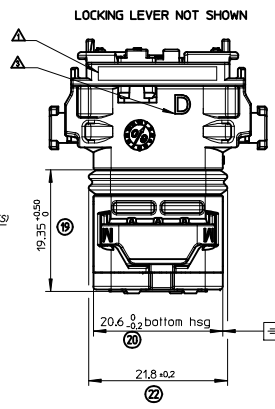
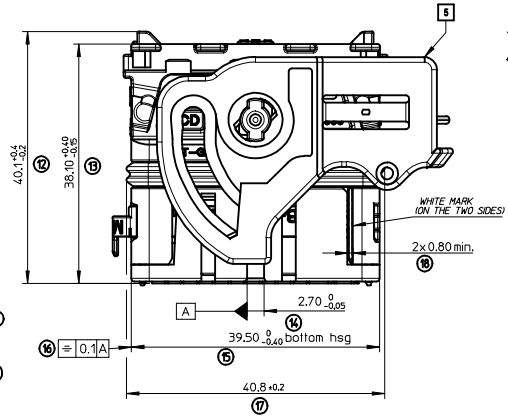
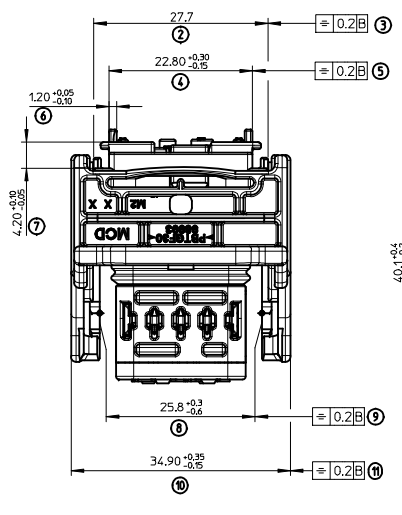
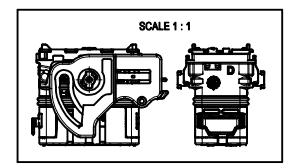
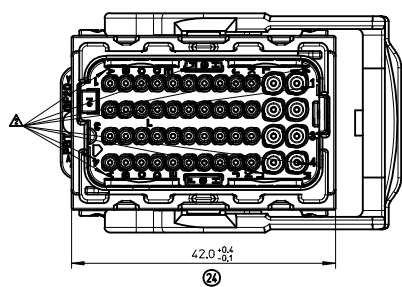




LEFT WIRE OUTPUT	
MATERIAL NUMBER	COLOR
064320311	BLACK
064320318	GREY
064320319	BROWN
064320315	GREEN



RIGHT WIRE OUTPUT	
MATERIAL NUMBER	COLOR
0643203311	BLACK
0643203318	GREY
0643203319	BROWN
0643203315	GREEN



NOTES:
1-FOR ILLUSTRATION PURPOSE THE FEMALE HOUSING SHOWN IS THE RIGHT WIRE OUTPUT VERSION CODING 1
2-APPLICATION SPECIFICATION: AS-64319-002
3-WIRES EXTERNAL DIAMETER USED:
FOR CP06 TERMINAL: USE WIRES WITH AN EXTERNAL DIAMETER BETWEEN Ø1.25MM MIN AND Ø1.90MM MAX
FOR CP15 TERMINAL: USE 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 064320301
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

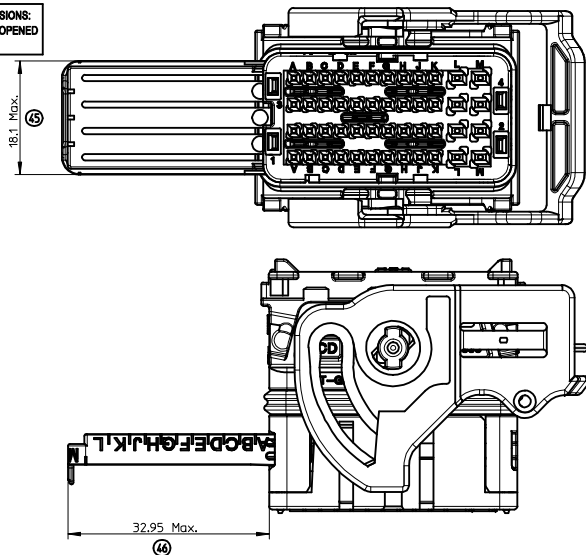
REF.	DESIGNATION	MATERIAL	COLOR
7	MAT SEAL	Silicon	RED
8	BACK GRID 48W	>PBT-GF20<	GREY
9	LOCKING LEVER 48W	>PBT-GF30<	BLACK
10	SECONDARY LOCK	>PBT-GF20<	GREY
11	PERIPHERAL SEAL 48W	Silicon	RED
12	BACK PART	>PBT-GF20<	BLACK
13	FRONT PART	>PBT-GF20<	COLOR LINKED TO KEYING

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

APPL.SPEC. CHANGED		QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE		DESIGN UNITS		FIRST ANGLE PROJECTION	
EC NO: 02016-0064	2015/11/30	DRWG/PLESSIS	2015/12/04	CHYK/BOURBIN	2015/12/04	APPR/BOUCHAN	2015/12/02	mm	INCH	2.5:1	METRIC	MM ONLY	
DRAWN BY		DATE		CHECKED BY		DATE		APPROVED BY		DATE		MATERIAL NO.	
T. BADAROUX		2007/07/16		P. GRANDCLAUD		2007/07/16		C. BOUCHAN		2007/07/16		SEE CHARTS	
SIZE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		DOCUMENT NO.		SD-64320-001		SHEET NO.		1 OF 2			

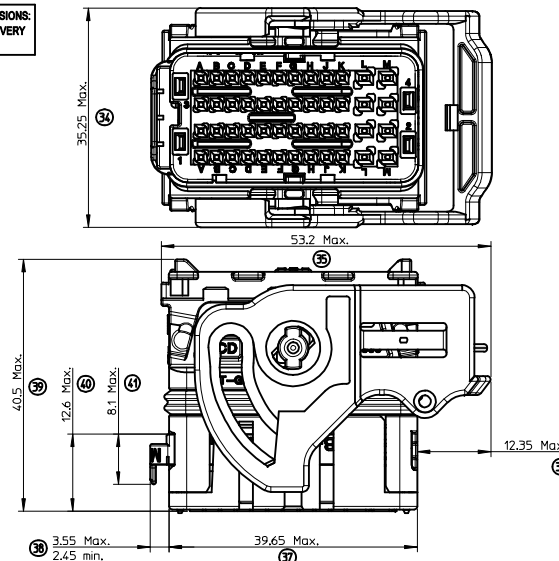
CONNECTOR OVERALL DIMENSIONS:
SECONDARY LOCKING FULLY OPENED
FOR TERMINAL INSERTION

RIGHT WIRE OUTPUT



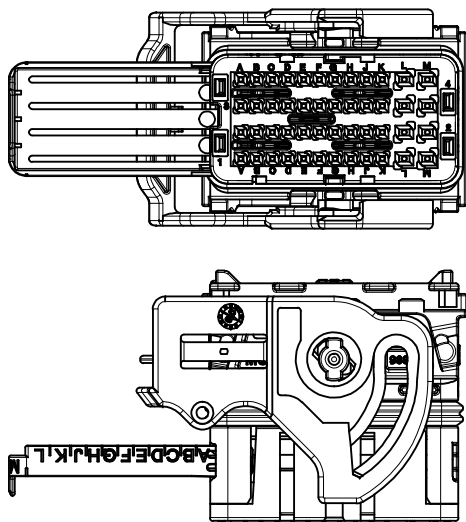
CONNECTOR OVERALL DIMENSIONS:
SECONDARY LOCKING IN DELIVERY
POSITION

RIGHT WIRE OUTPUT



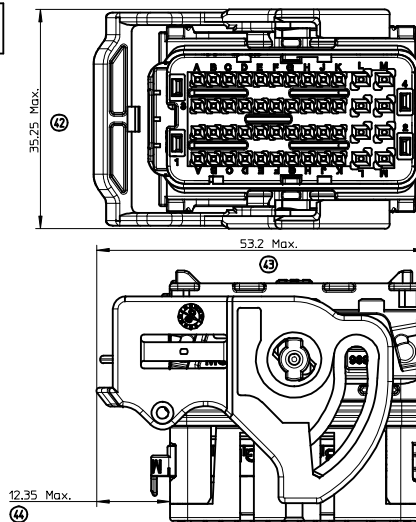
CONNECTOR OVERALL DIMENSIONS:
SECONDARY LOCKING FULLY OPENED
FOR TERMINAL INSERTION

LEFT WIRE OUTPUT

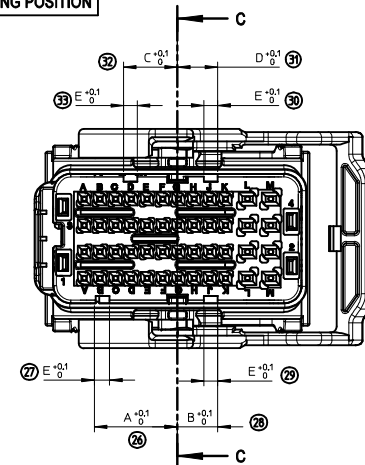


CONNECTOR OVERALL DIMENSIONS:
SECONDARY LOCKING IN DELIVERY
POSITION

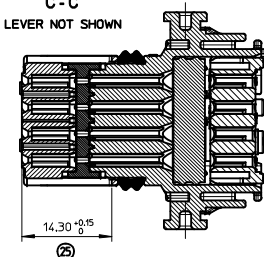
LEFT WIRE OUTPUT



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	Ø125 min / Ø140 Max
		Gold plated	0643221229	
	CP 0.6 0.5mm2	Tin plated	0643221039	Ø140 min / Ø170 Max
		Gold plated	0643221239	
L1 to L4 M1 to M4	CP 0.6 0.75mm2	Tin plated	0643221029	Ø160 min / Ø190 Max
		Gold plated	0643221219	
	CP 15 0.5mm2 to 1mm2	Tin plated	0643231029	Ø140 min / Ø215 Max
		Gold plated	0643231319	
	CP 15 >1mm2 to 2mm2	Tin plated	0643231039	Ø210 min / Ø280 Max
		Gold plated	0643231219	

APPL. SPEC. CHANGED EC NO: G2016-0064 DRAWN BY: 2015/11/30 CHKD BY: 2015/12/04 APPR: BOUCHAN 2015/12/02	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 CNC CONNECTOR 48 WAY MAT SEAL VERSION DOCUMENT NO. SD-64320-001 SHEET NO. 2 OF 2