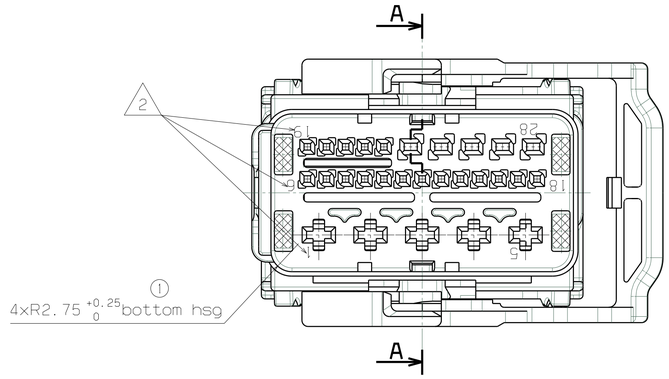
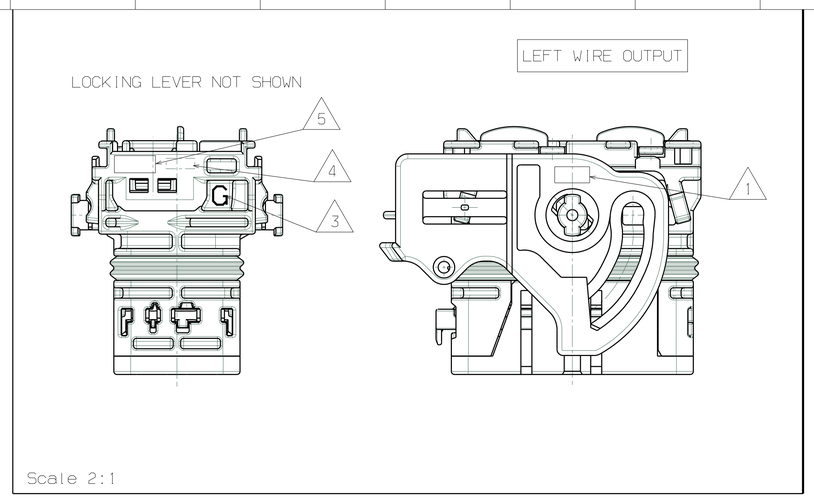
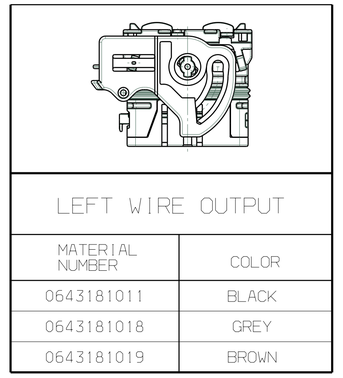
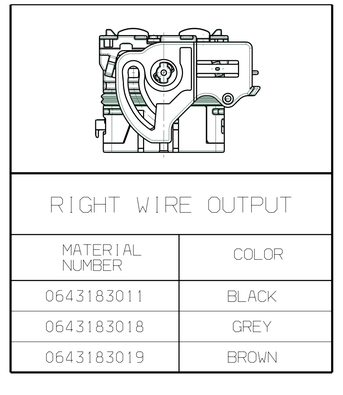


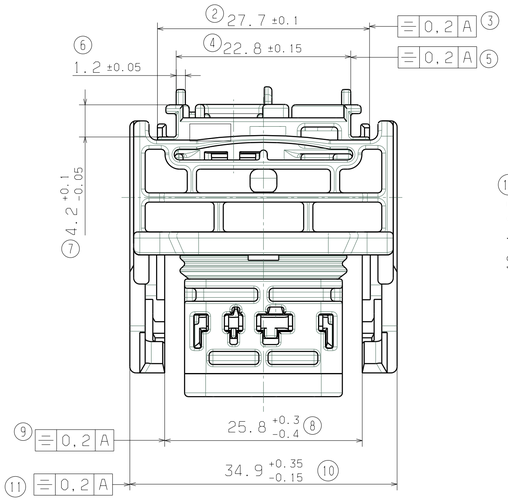


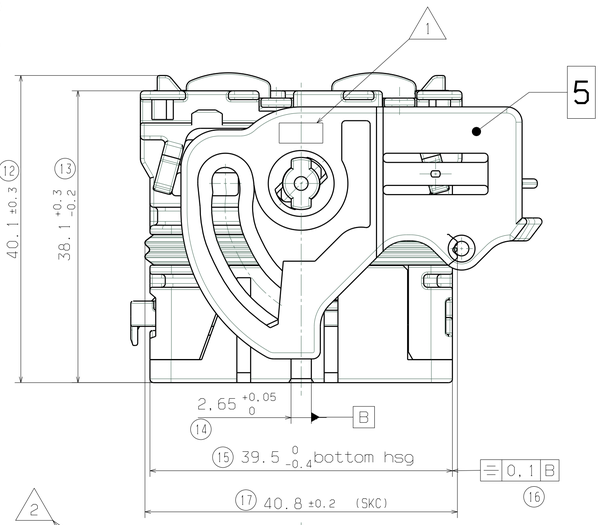


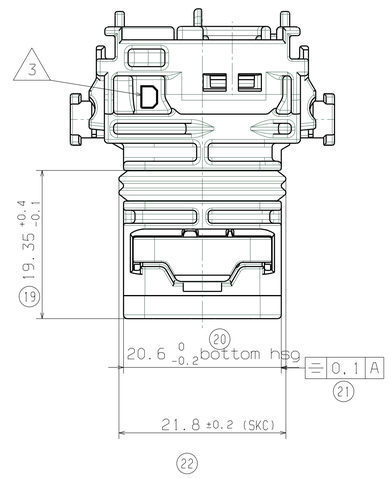
LEFT WIRE OUTPUT	
MATERIAL NUMBER	COLOR
0643181011	BLACK
0643181018	GREY
0643181019	BROWN

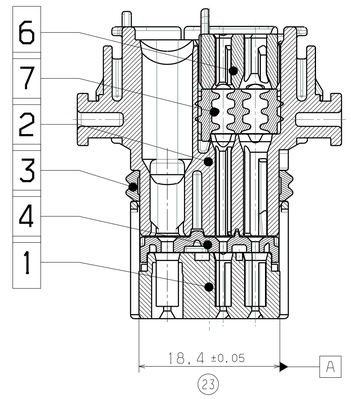


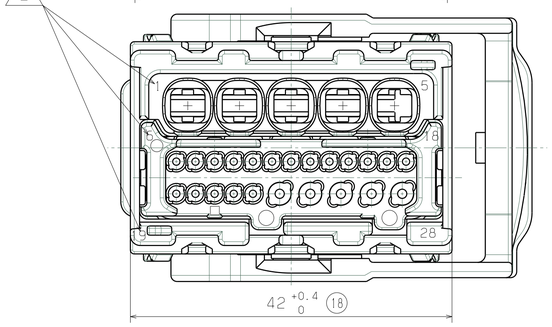
RIGHT WIRE OUTPUT	
MATERIAL NUMBER	COLOR
0643183011	BLACK
0643183018	GREY
0643183019	BROWN

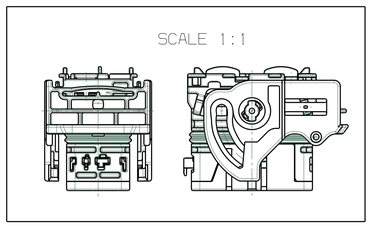












SKC: SPECIAL KEY CHARACTERISTICS
- DENOTES S.P.C DIMENSIONS
- DENOTES CRITICAL DIMENSIONS
- DENOTES FUNCTIONAL DIMENSIONS

QUANTITY PER INDIVIDUAL SHEET
0 0 0 SKC: 2

REF.	DESIGNATION	MATERIAL	COLOR
7	MATT SEAL	SILICONE	GREEN ORANGE
6	BACK GRID 23 WAY	>PBT-GF20<	GREY
5	LOCKING LEVER SIZE 3	>PBT-GF30<	BLACK
4	SECONDARY LOCK	>PBT-GF20<	YELLOW
3	PERIPHERAL SEAL SIZE 3	SILICONE	RED
2	BACK PART	>PBT-GF20<	BROWN
1	FRONT PART	>PBT-GF20<	COLOR LINKED TO KEYING

MARKINGS
1. Assembled part tracability day + year
2. Terminal cavities identification
3. Lever position indicator:
   "D"LETTER VISIBLE= part with "LEVER ON THE RIGHT"
   "G"LETTER VISIBLE= part with "LEVER ON THE LEFT"
4. Supplier identification
5. Material identification

NOTES

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

2-APPLICATION SPECIFICATION: AS-64318-002

3-THE CONNECTOR FITS WITH WIRE CAP (48WAY) MOLEX P/N 0643201301

4-BLIND PLUG FOR 0.6, 1.5 AND 2.8 CAVITIES (MOLEX P/N 0643251010 0643251023 0643251091) MUST BE USED ON THIS PART

5-DELIVERED PRODUCT WEIGHT: 35.2 g

WIRE SEAL P/N UPD.
EC NO:G2012-0068 DRWN:PBOSQUAIN 2010/06/15 CH'KD:OPLESSIS 2011/11/17 APPR:CBOUCHAN 2011/11/17
DESCRIPTION
REV C

QUALITY SYMBOLS
▼ =0
▽ =0

GENERAL TOLERANCES (UNLESS SPECIFIED)

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

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: 2.5:1
DESIGN UNITS: METRIC
FIRST ANGLE PROJECTION

DRAWN BY: TBADAROUX DATE: 2007/09/25
CHECKED BY: OPLESSIS DATE: 2007/09/25
APPROVED BY: CBOUCHAN DATE: 2007/09/25

TITLE: CMC CONNECTOR 28 CKT POWER MAT SEAL VERSION

molex MOLEX INCORPORATED

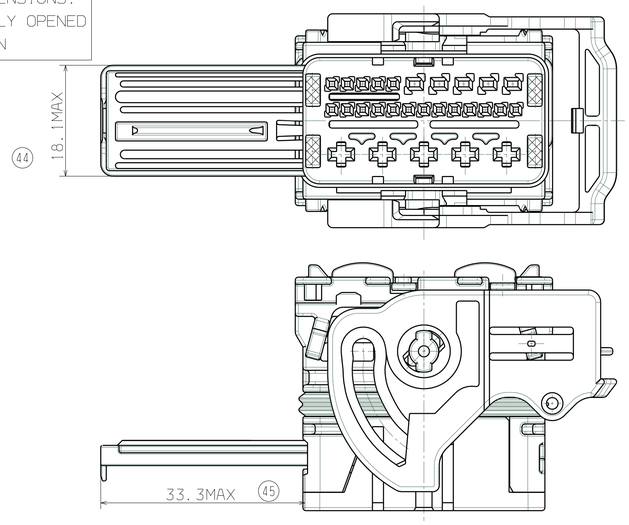
MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-64318-001
SHEET NO.: 1 OF 2

SIZE A1

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

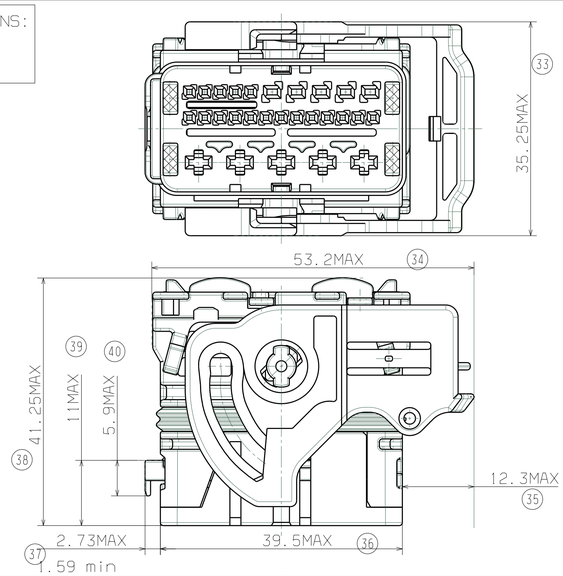
CONNECTOR OVERALL DIMENSIONS:
SECONDARY LOCKING FULLY OPENED
FOR TERMINAL INSERTION

RIGHT WIRE OUTPUT

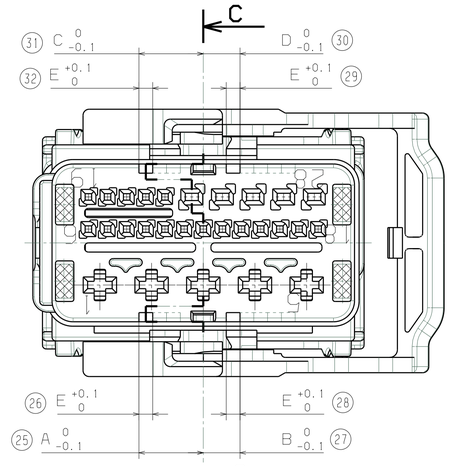


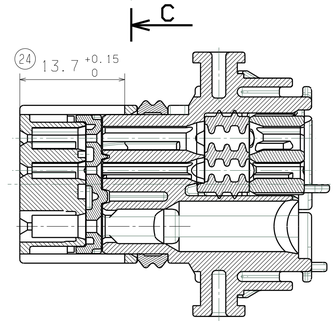
CONNECTOR OVERALL DIMENSIONS:
SECONDARY LOCKING IN
DELIVERY POSITION

RIGHT WIRE OUTPUT



CODING POSITION

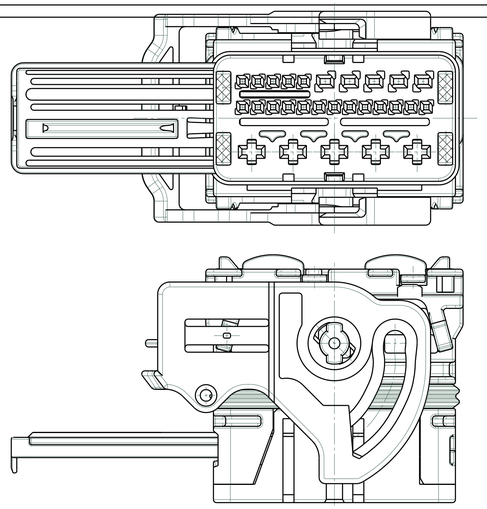




C-C
LOCKING LEVER NOT SHOWN

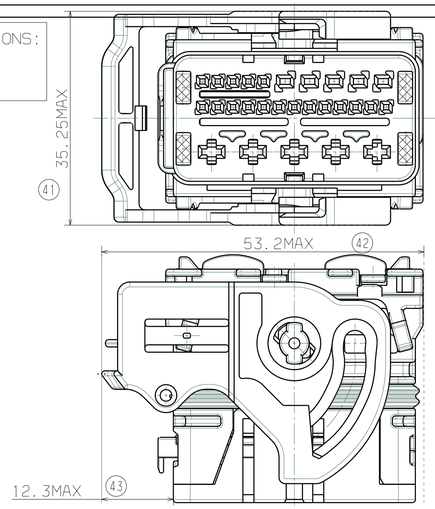
CONNECTOR OVERALL DIMENSIONS:
SECONDARY LOCKING FULLY OPENED
FOR TERMINAL INSERTION

LEFT WIRE OUTPUT



CONNECTOR OVERALL DIMENSIONS:
SECONDARY LOCKING IN
DELIVERY POSITION

LEFT WIRE OUTPUT



COLOR	KEYING	A	B	C	D	E
BLACK	1	8.4	4.8	8.4	4.8	1.8
GREY	2	8.4	6.6	6.6	6.6	1.8
BROWN	3	8.4	8.4	4.8	10.2	1.8

TERMINALS USED

CAVITIES ID.	TERMINALS (Section mm2)	REVETEMENT PLATING	MOLEX P/N	WIRE SEAL	WIRE INSULATION DIAMETER
6 to 23	CP 0.6 (0.35mm2 to 0.44mm2)	Tin plated	0643221019		Ø1.25 min / Ø1.40 Max
		Gold plated	0643221229		
	CP 0.6 (0.5mm2)	Tin plated	0643221039		Ø1.40 min / Ø1.90 Max
		Gold plated	0643221239		
	CP 0.6 (0.75mm2)	Tin plated	0643221029		Ø1.40 min / Ø1.90 Max
		Gold plated	0643221219		
24 to 28	CP 1.5 (0.5mm2 to 1mm2)	Tin plated	0643231029		Ø1.45 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		
1 to 5	CP 2.8 (>0.5mm2 to 1mm2)	Tin plated	0643241049	0643251332	Ø1.40 min / Ø2.15 Max
		Gold plated	0643241149		
	CP 2.8 (>1mm2 to 2mm2)	Tin plated	0643241039	0643251345	Ø2.10 min / Ø2.80 Max
		Gold plated	0643241139		
	CP 2.8 (>2mm2 to 3mm2)	Tin plated	0643241029	0643251358	Ø2.65 min / Ø3.45 Max
		Gold plated	0643241129		
	CP 2.8 (>3mm2 to 5mm2)	Tin plated	0643241019	0643251366	Ø3.40 min / Ø4.00 Max
		Gold plated	0643241119		

WIRE SEAL P/N UPD. 2010/06/15
EC NO:G2012-0068 2011/11/17
DRWN:PBOSQUAIN CH'KD:OPLESSIS 2011/11/17
APPR:CBOUCHAN 2011/11/17
DESCRIPTION
REV C

QUALITY SYMBOLS
▼=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

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

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: 2:1
DESIGN UNITS: METRIC
FIRST ANGLE PROJECTION

DRAWN BY: TBADAROUX DATE: 2007/09/25
CHECKED BY: OPLESSIS DATE: 2007/09/25
APPROVED BY: CBOUCHAN DATE: 2007/09/25

TITLE: CMC CONNECTOR 28 CKT POWER MAT SEAL VERSION

MOLEX INCORPORATED

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-64318-001
SHEET NO.: 2 OF 2

SIZE: A1

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