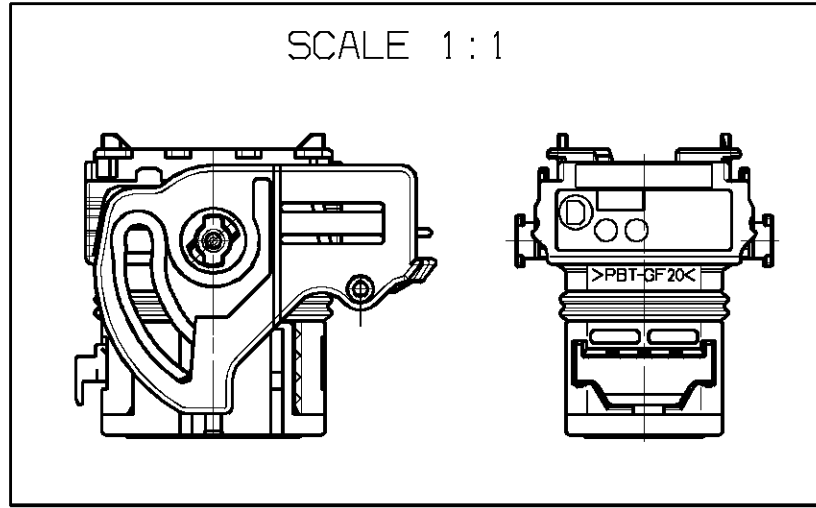
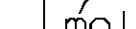
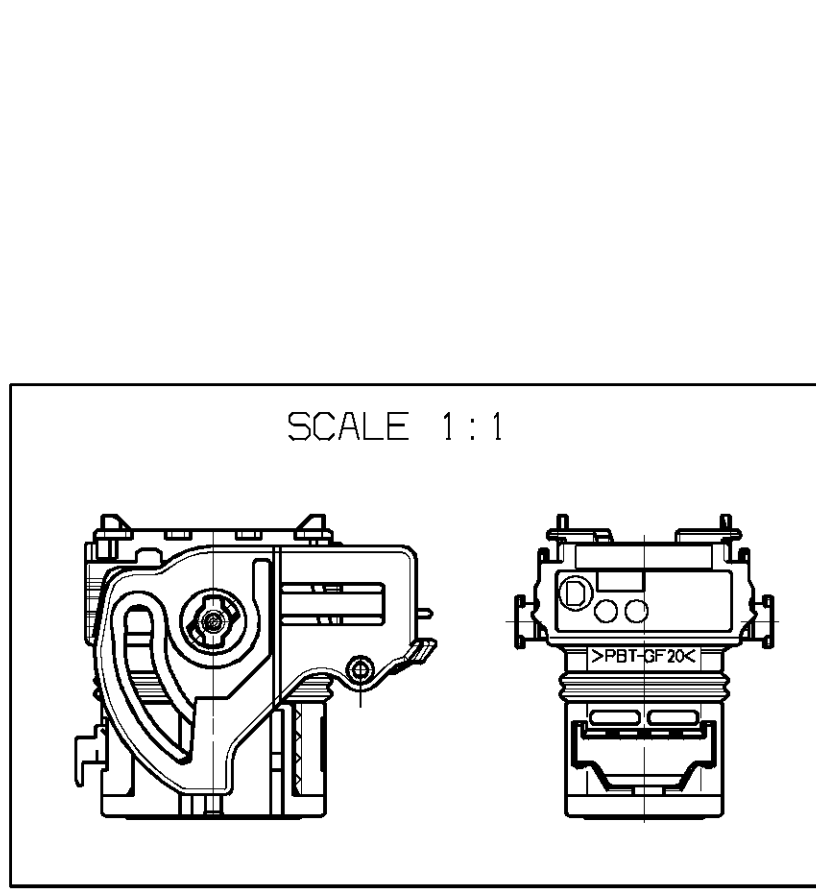


7	MATT SEAL	SILICONE	GREEN
6	BACK GRID 32 WAY	>PBT-GF20<	BLUE
5	LOCKING LEVER SIZE 2	>PBT-GF30<	BLACK
4	SECONDARY LOCK	>PBT-GF20<	GREEN
3	PERIPHERAL SEAL SIZE 2	SILICONE	BLUE
2	BACK PART	>PBT-GF20<	BLACK
1	FRONT PART	>PBT-GF20<	COLOR LINKED TO KEYING
REF.	DESIGNATION	MATERIAL	COLOR

MARKINGS	
	Assembled part tracability day + year
	Terminal cavities identification
	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

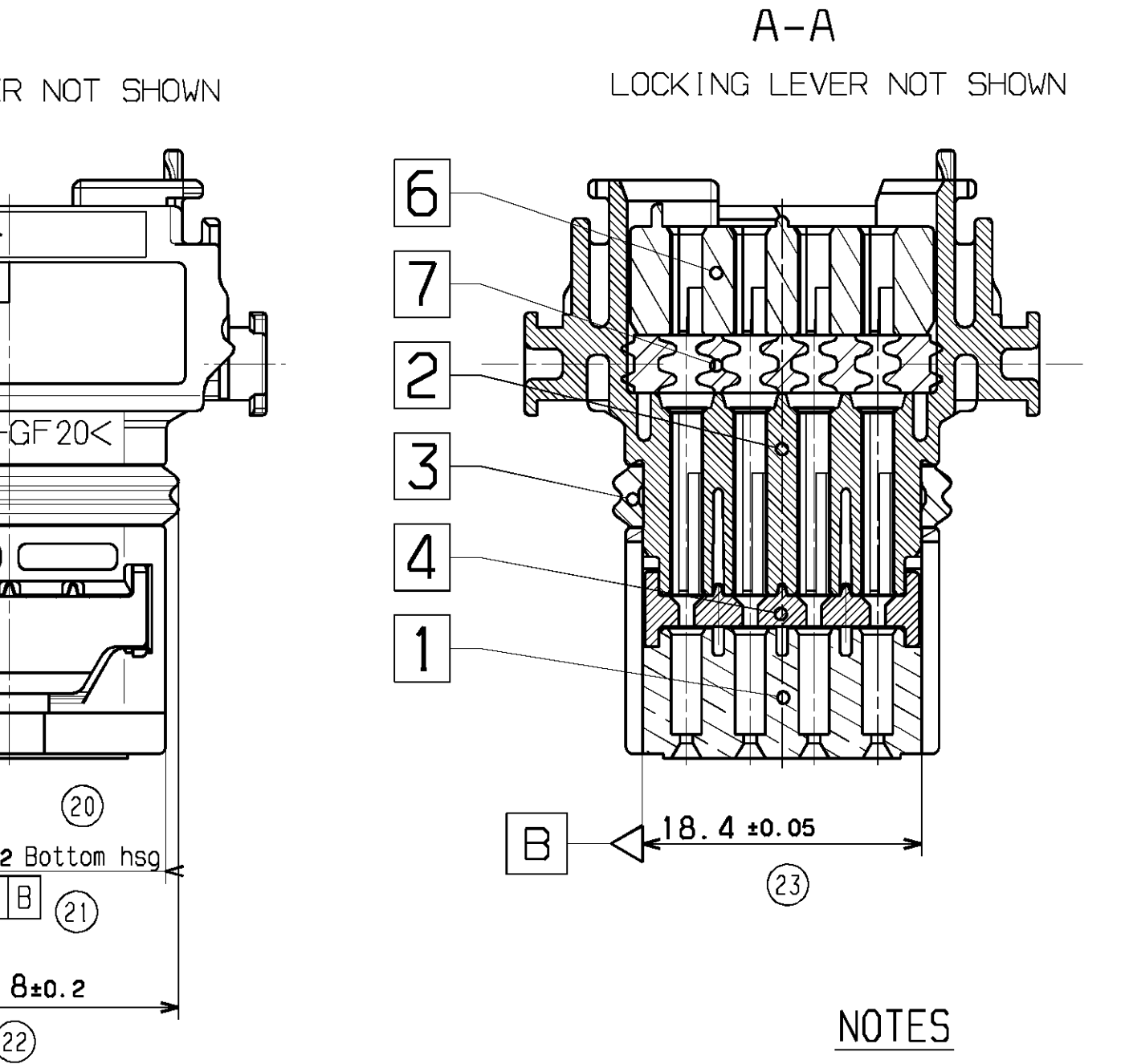


UPDATED DRAWING EC NO:G2008-0367 C DRWN: TBADAROUX 2008/05/16 CH-KO: PGRANDCLAUDE 2008/05/16 APPR: CBOUCHAN 2008/05/16	DESCRIPTION	REV		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2.5:1	DESIGN UNITS METRIC	 FIRST ANGLE PROJECTION		
					mm	INCH	DRAWN BY TBADAROUX	DATE 2007/07/16	TITLE CMC CONNECTOR 32 WAY MAT SEAL VERSION  MOLEX INCORPORATED			
				4 PLACES	±	±	CHECKED BY PGRANDCLAUDE	DATE 2007/07/16				
				3 PLACES	±	±	APPROVED BY CBOUCHAN	DATE 2007/07/16				
				2 PLACES	±	0.1	±	MATERIAL NO. SEE CHART			DOCUMENT NO. SD-64319-001	SHEET NO. 1 OF 2
				1 PLACE	±	0.1	±	SIZE A1			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
				ANGULAR		± 2°		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				



NOTES

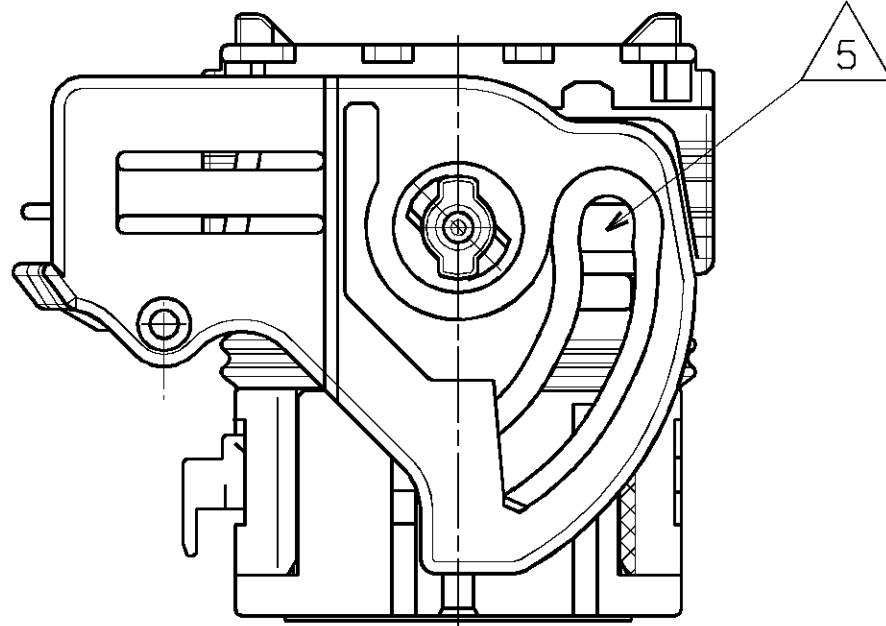
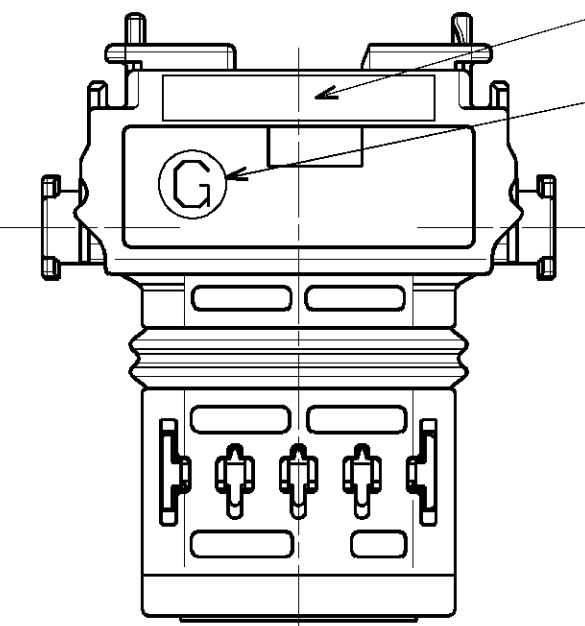
- 1-FOR ILLUSTRATION PURPOSE THE FEMALE HOUSING SHOWN IS THE RIGHT WIRE OUTPUT VERSION CODING 1
- 2-APPLICATION SPECIFICATION: AS-64319-001
- 3-WIRES EXTERNAL DIAMETER USED:
FOR CP0,6 TERMINAL: USE WIRES WITH AN EXTERNAL DIAMETER BETWEEN Ø1,25MM MIN AND Ø1,90MM MAX
FOR CP1,5 TERMINAL: USE WIRES WITH AN EXTERNAL DIAMETER BETWEEN Ø1,80MM MIN AND Ø2,80MM MAX
- 4-THE CONNECTOR FITS WITH WIRE CAP (32WAY) MOLEX P/N 0643191201
- 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: 27,6 g



Scale 2:1

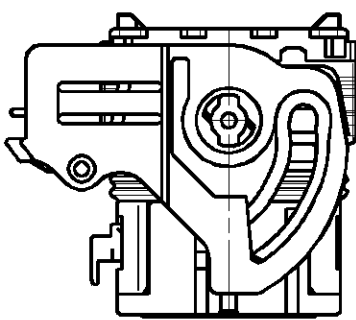
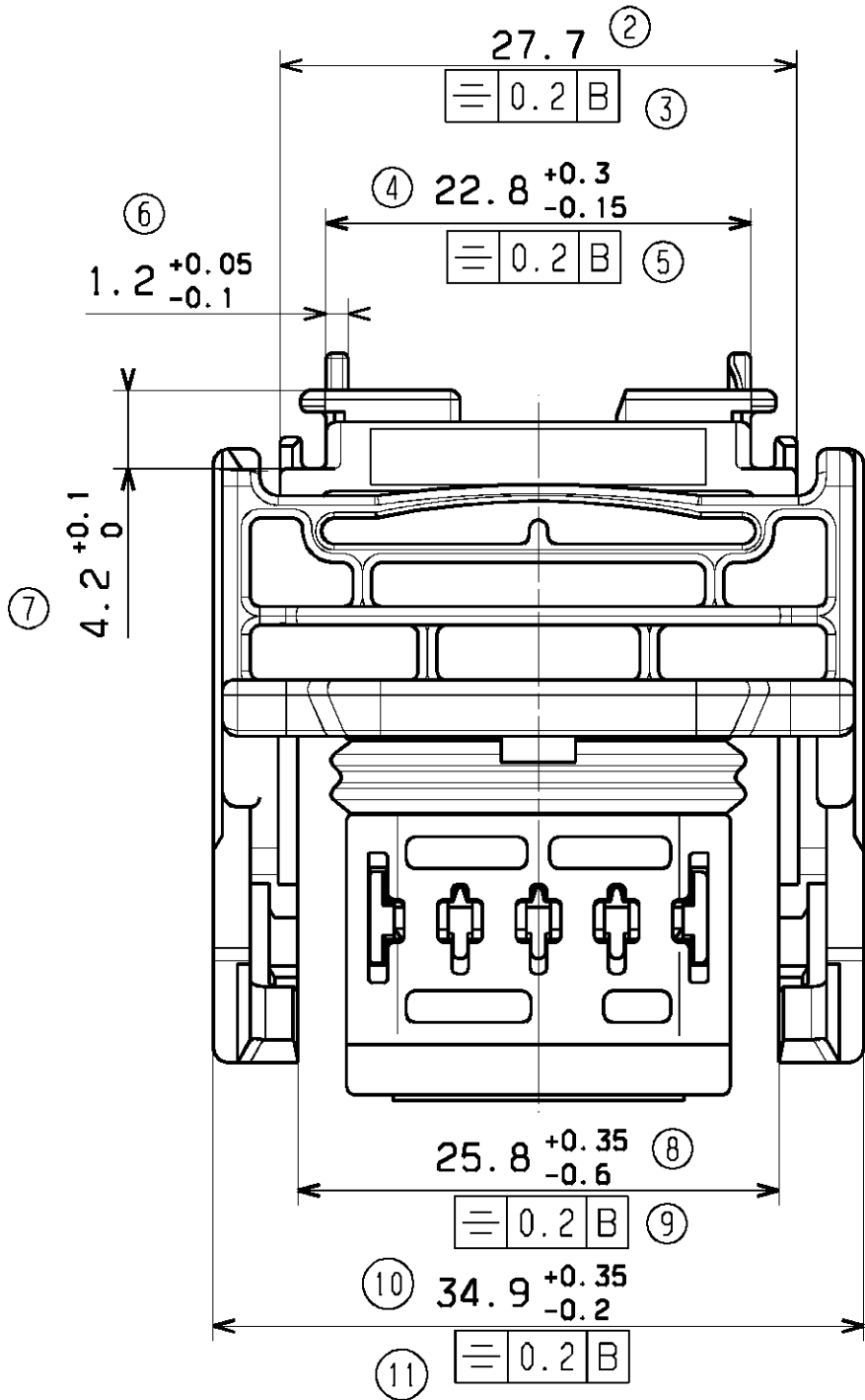
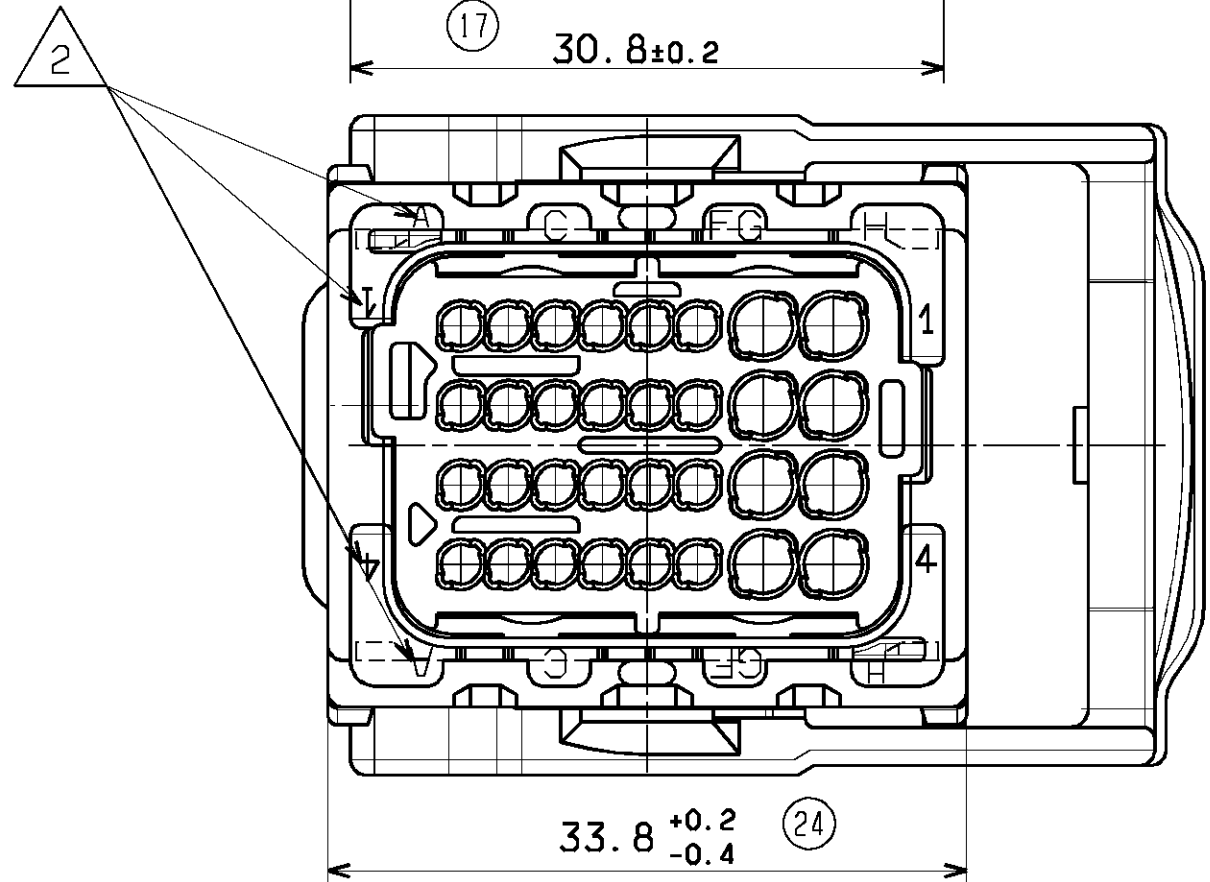
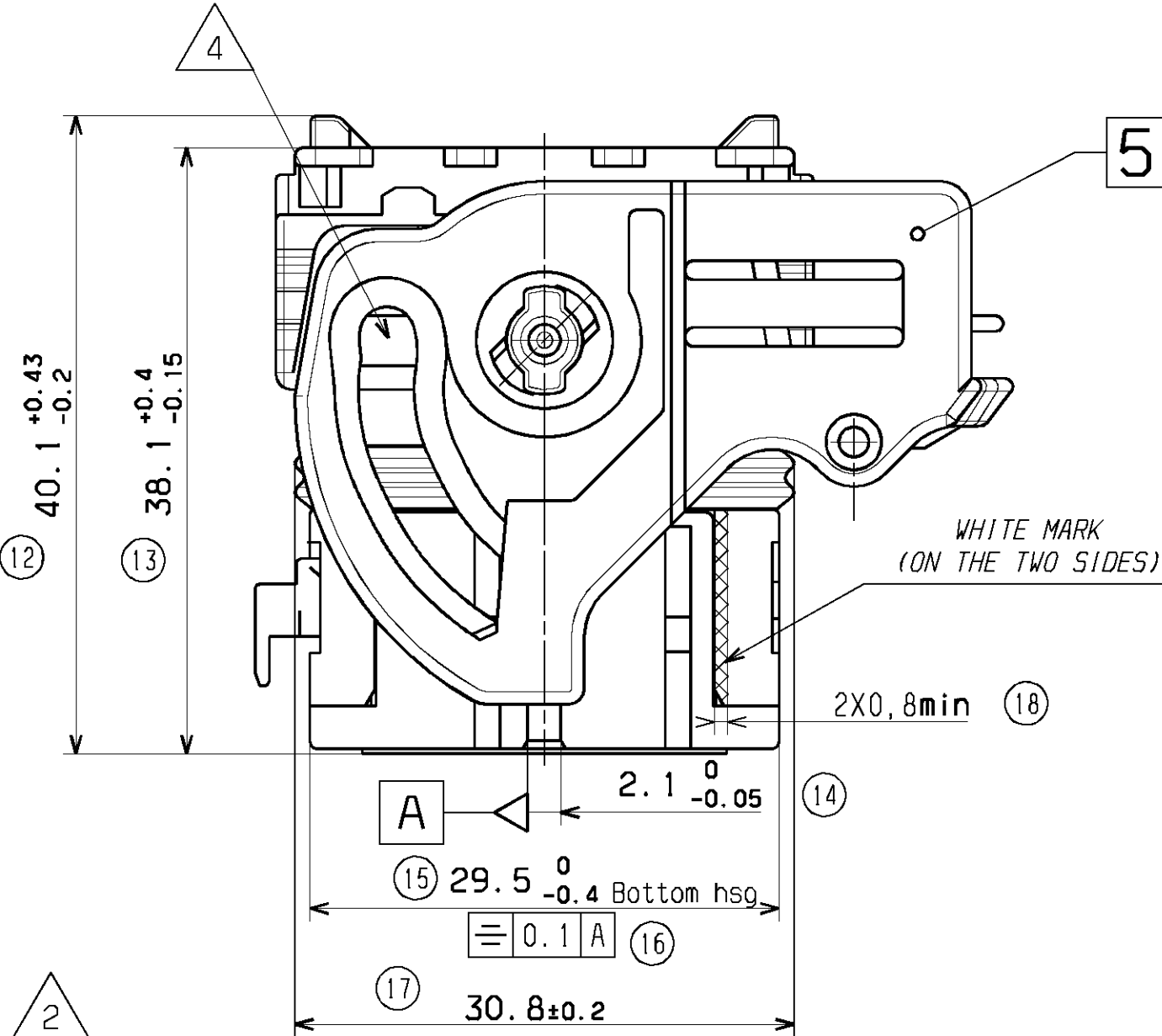
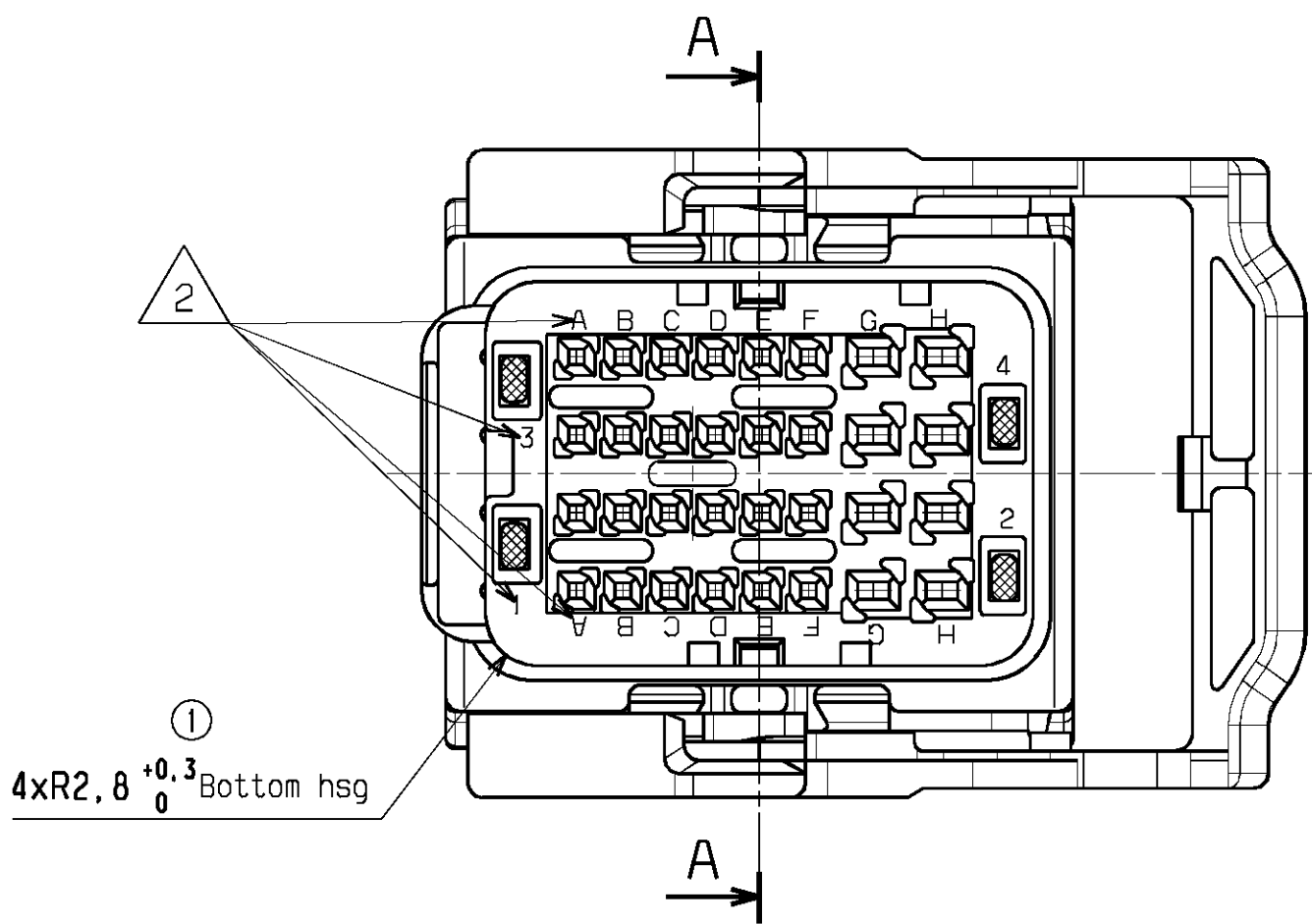
LOCKING LEVER NOT SHOWN

LEFT WIRE OUTPUT



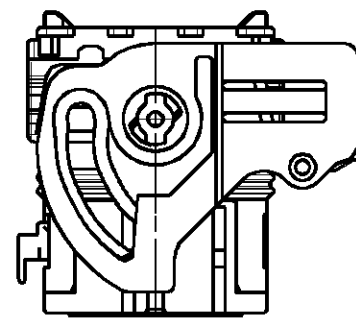
LOCKING LEVER NOT SHOWN

A-A
LOCKING LEVER NOT SHOWN



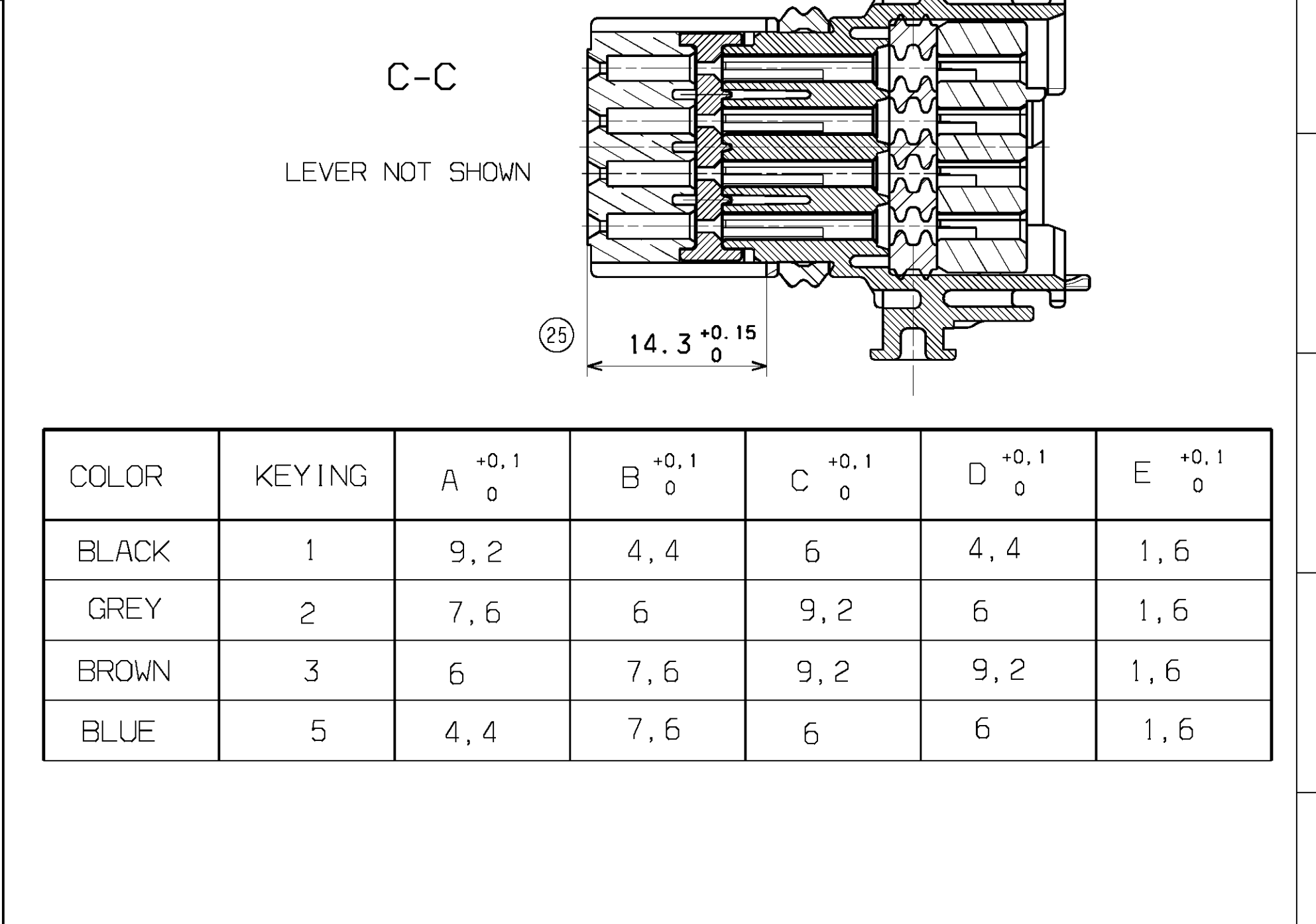
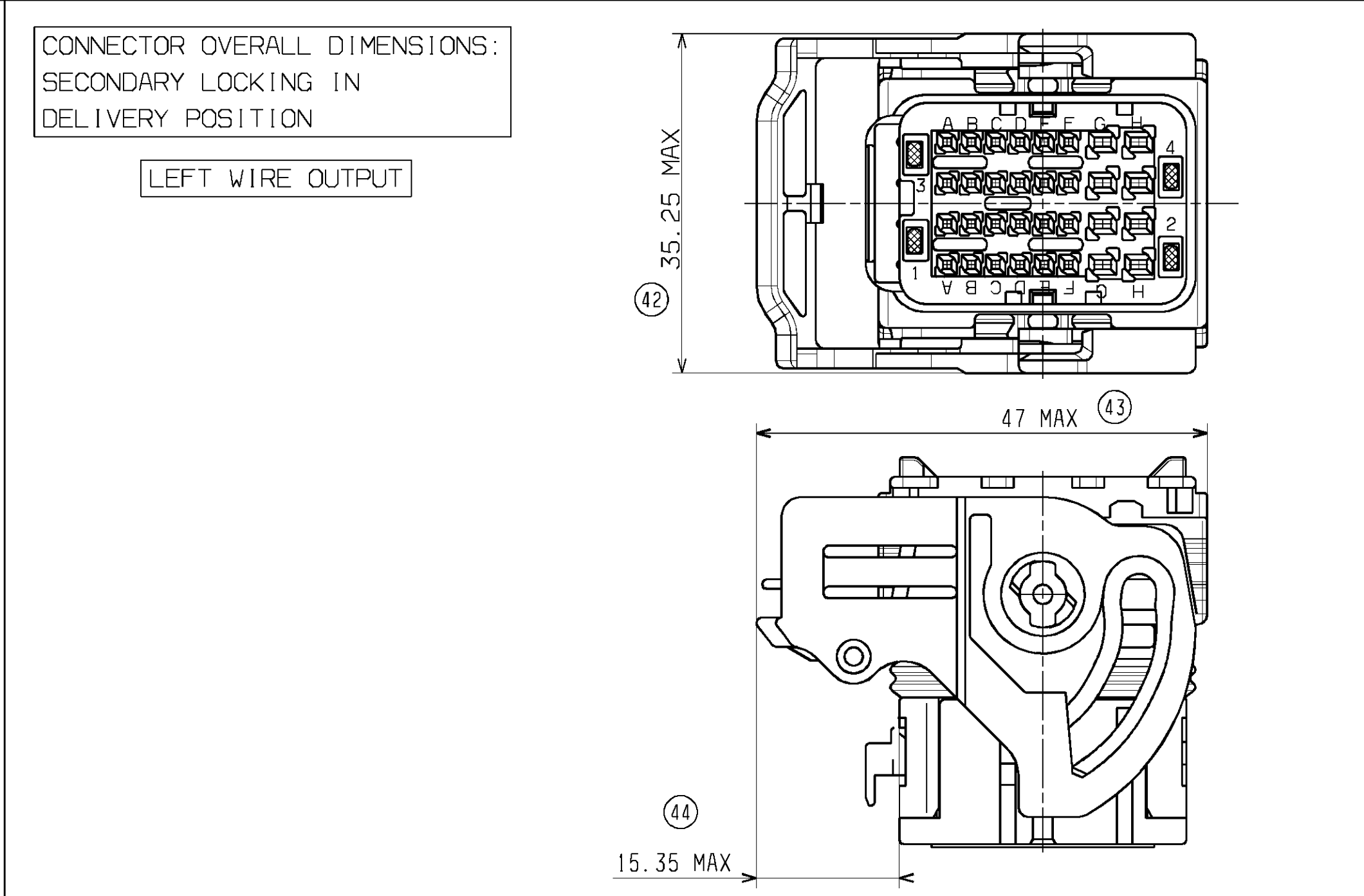
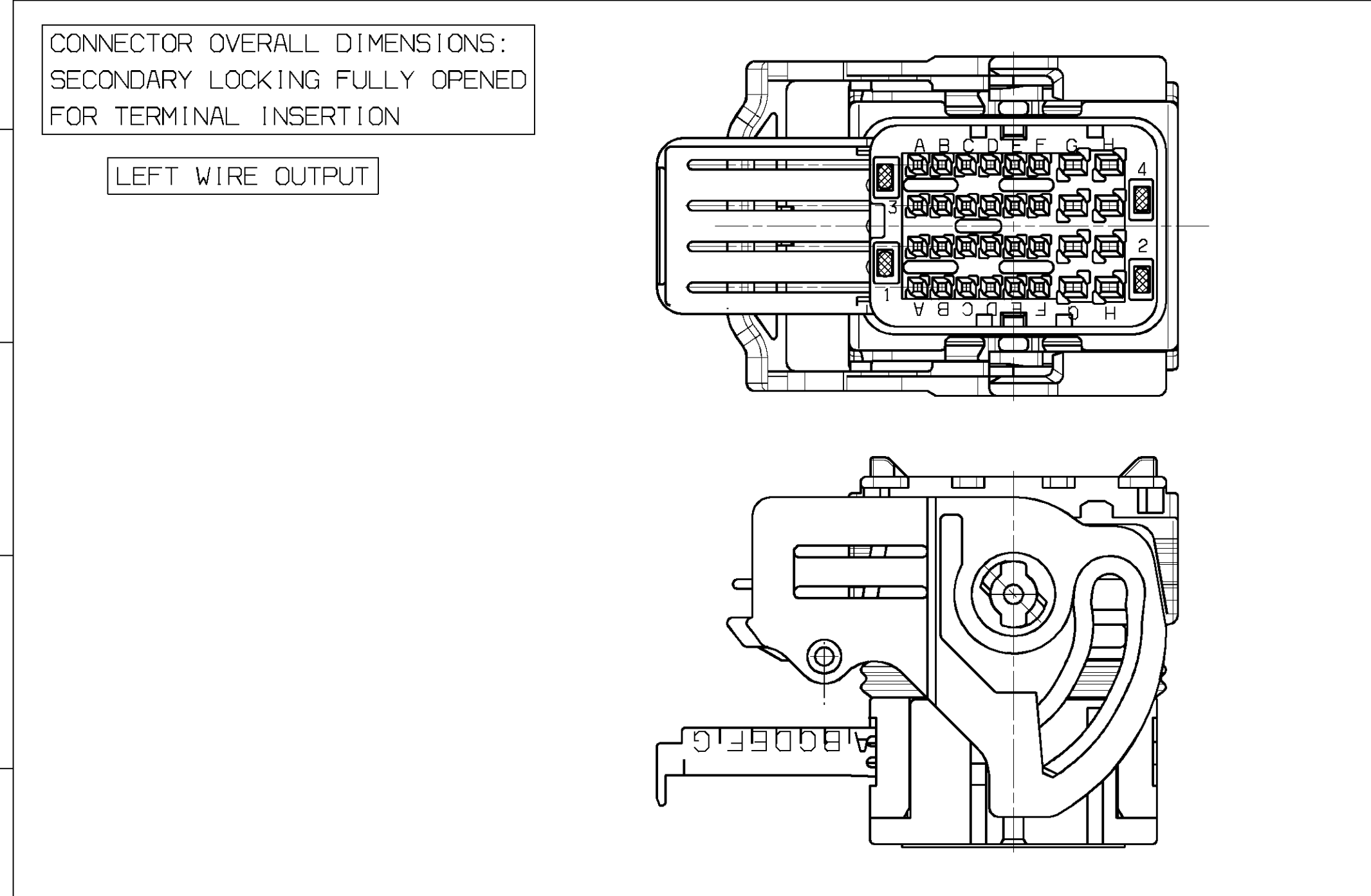
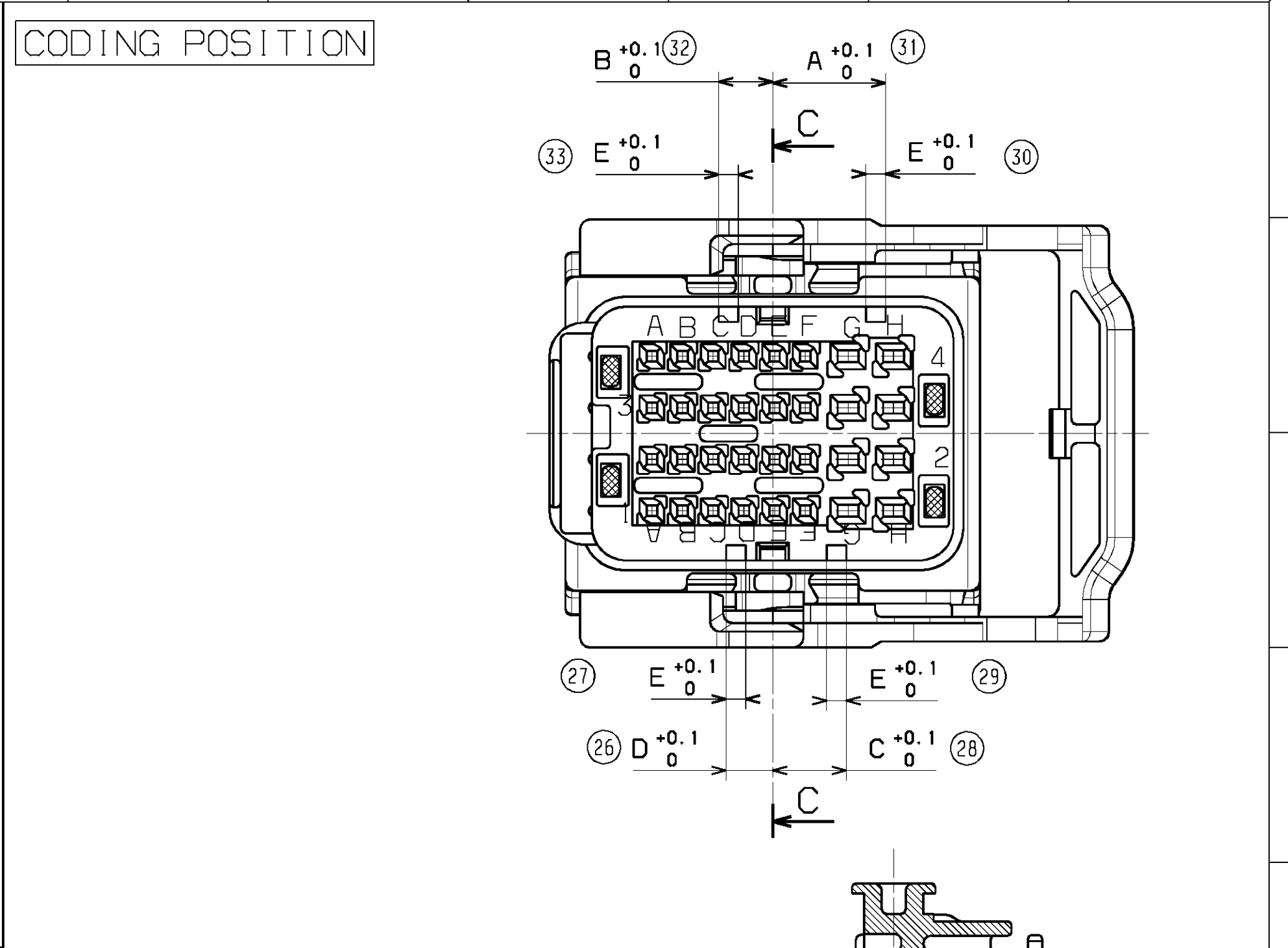
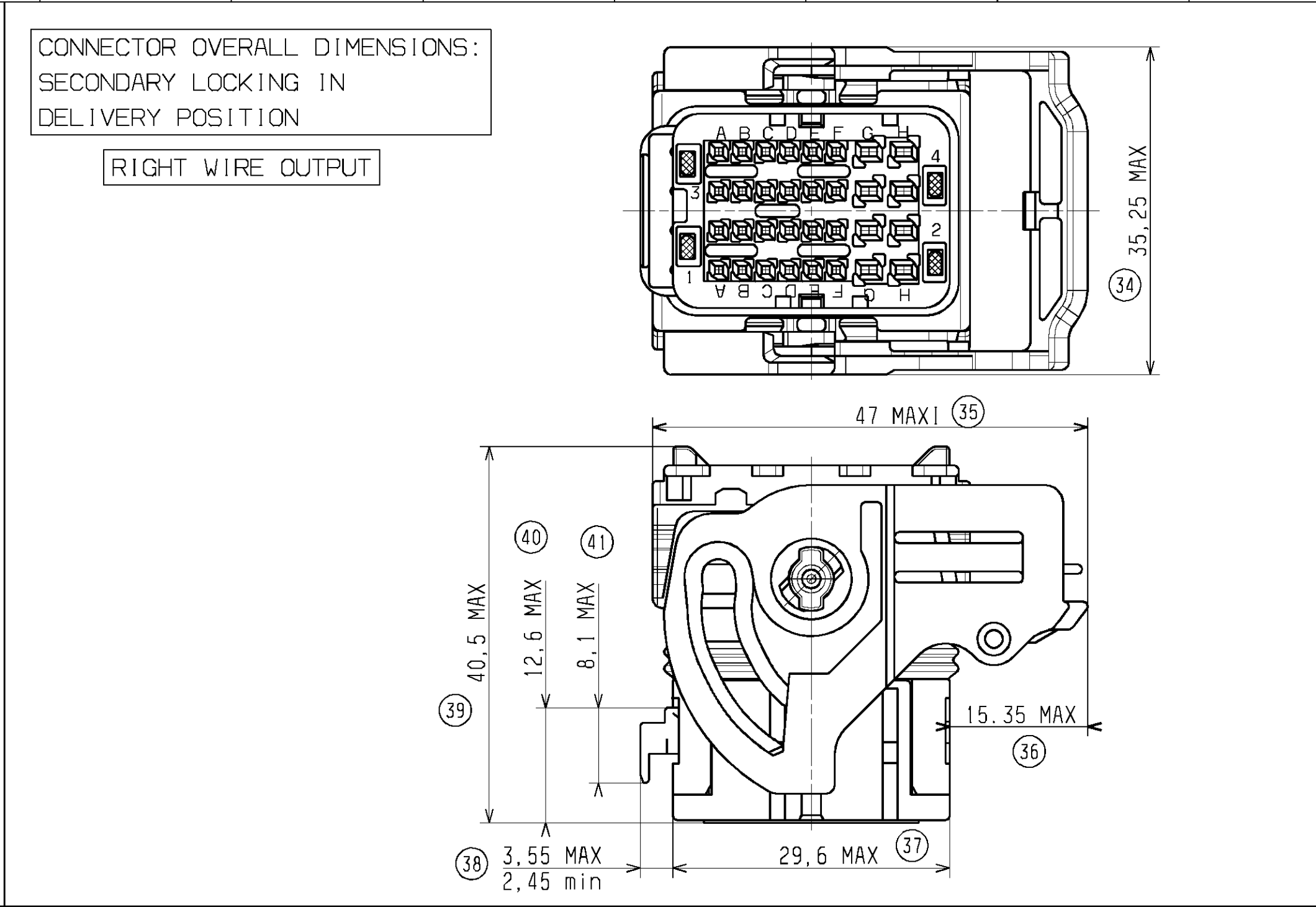
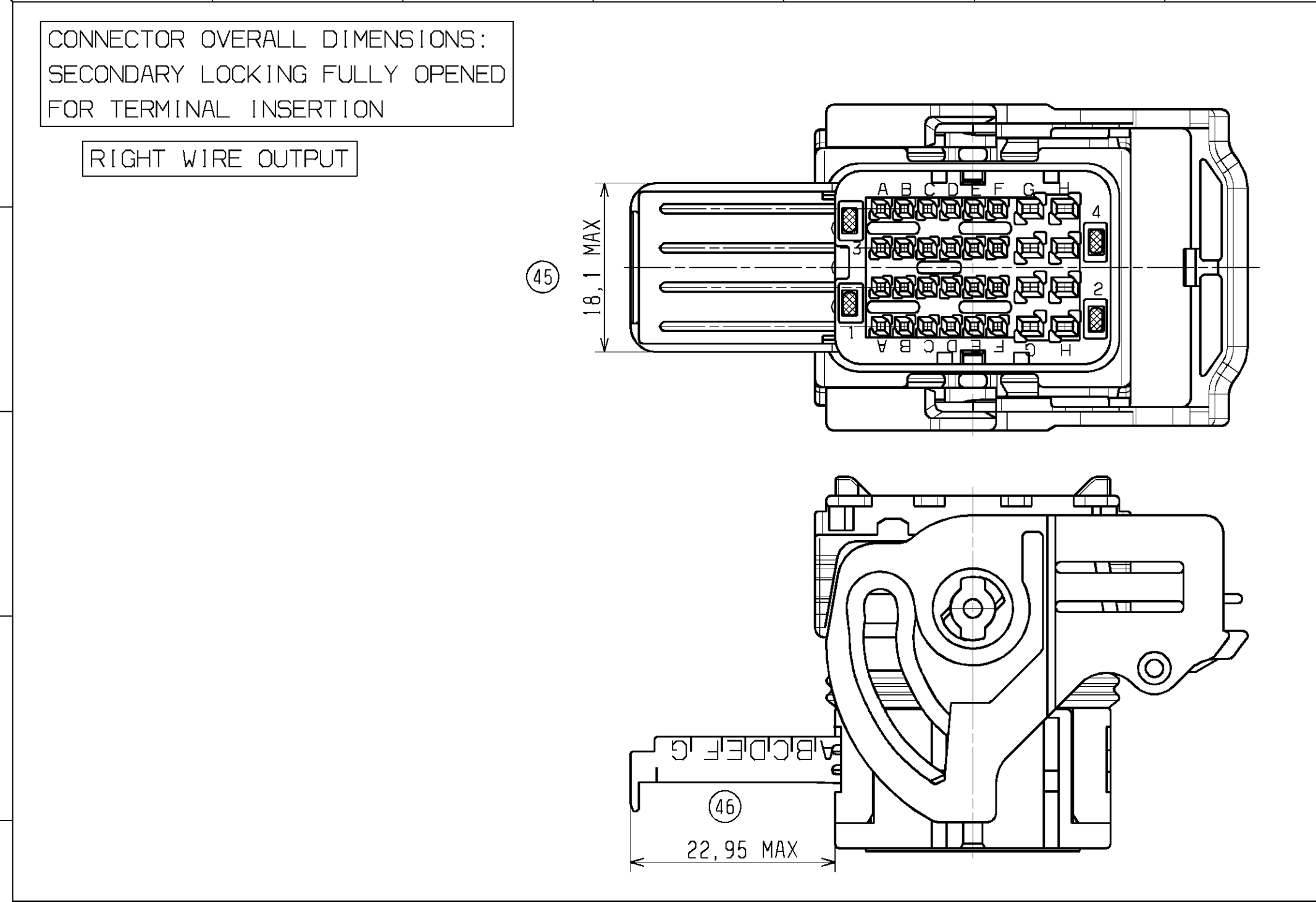
LEFT WIRE OUTPUT

MATERIAL NUMBER	COLOR
0643191211	BLACK
0643191218	GREY
0643191219	BROWN
0643191216	BLUE



RIGHT WIRE OUTPUT

MATERIAL NUMBER	COLOR
0643193211	BLACK
0643193218	GREY
0643193219	BROWN
0643193216	BLUE



COLOR	KEYING	A ^{+0.1} ₀	B ^{+0.1} ₀	C ^{+0.1} ₀	D ^{+0.1} ₀	E ^{+0.1} ₀
BLACK	1	9, 2	4, 4	6	4, 4	1, 6
GREY	2	7, 6	6	9, 2	6	1, 6
BROWN	3	6	7, 6	9, 2	9, 2	1, 6
BLUE	5	4, 4	7, 6	6	6	1, 6

TERMINALS USED		MOLEX PART NUMBER			
		TIN PLATED TERMINAL		GOLD PLATED TERMINAL 1.27µm min	
CAVITIES IDENTIFICATION	FEMALE TERMINAL 0.635 A1 to F1 A2 to F2 A3 to F3 A4 to F4	(0,35 to 0,44 mm2) 0643221019	(0,5 mm2) 0643221039	(0,35 to 0,44 mm2) 0643221229	(0,5 mm2) 0643221239
			(0,75 mm2) 0643221029		(0,75 mm2) 0643221219
	FEMALE TERMINAL 1.50 G1 to G4 H1 to H4	(0.75 to 1 mm2) 0643231029	(>1 to 2 mm2) 0643231039	(0.75 to 1 mm2) 0643231319	(>1 to 2 mm2) 0643231219

UPDATED DRAWING
EC NO:G2008-0367
DRWN: TBADAROUX 2008/05/16
CH-KO: PGRANDCLAUDE 2008/05/16
APPR: CBOUCHAN 2008/05/16

DESCRIPTION

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
2007/07/16

CHECKED BY
PGRANDCLAUDE

DATE
2007/07/16

APPROVED BY
CBOUCHAN

DATE
2007/07/16

MATERIAL NO.
SEE SHEET 1

DOCUMENT NO.
SD-64319-001

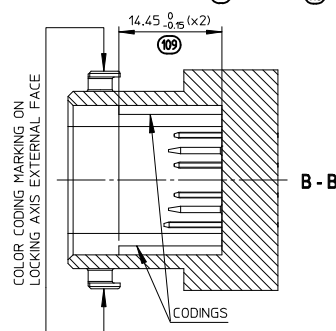
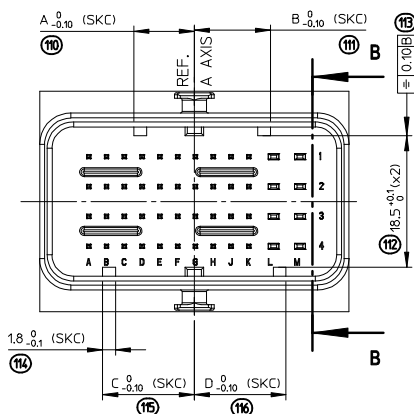
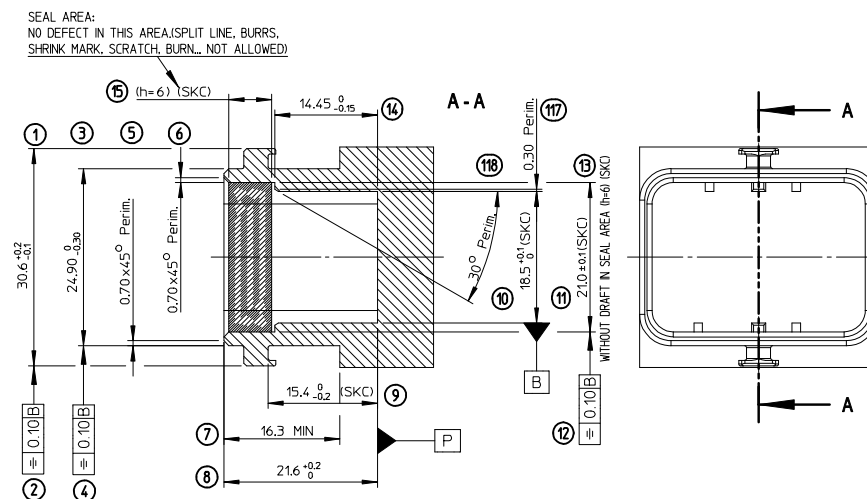
SHEET NO.
2 OF 2

CMC CONNECTOR 32 WAY
MAT SEAL VERSION

MOLEX INCORPORATED

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

INTERFACES FOR HYBRID MODULES T2 (32 WAY) AND T3 (48 WAY)



(CODING 2 SHOWN)

HEADER'S CODINGS FOR MODULE T2 (32W)					
COLOR	CODINGS	DIM. A	DIM. B	DIM. C	DIM. D
BLACK	1	9.1	4.3	5.9	4.3
GREY	2	7.5	5.9	9.1	5.9
BROWN	3	5.9	7.5	9.1	9.1
GREEN	4	7.5	9.1	4.3	4.3
BLUE	5	4.3	7.5	5.9	5.9
YELLOW	6	9.1	7.5	4.3	7.5

(CODING 3 SHOWN)

HEADER'S CODINGS FOR MODULE T3 (48W)					
COLOR	CODINGS	DIM. A	DIM. B	DIM. C	DIM. D
BLACK	1	12.9	6.3	8.5	6.3
GREY	2	10.7	8.5	12.9	8.5
BROWN	3	8.5	10.7	12.9	12.9
GREEN	4	10.7	12.9	6.3	6.3
BLUE	5	6.3	10.7	8.5	8.5
YELLOW	6	12.9	10.7	6.3	10.7

(SKC) SPECIAL KEY CHARACTERISTIC

QUANTITY PER INDIVIDUAL SHEET

 $(SKC) = 20$

NOTE:

1- HEADER: ELASTICITY MODULUS: 8000Mpa min.
(INITIAL CONDITION BEFORE AGEING)

tb_frame_A2_P_AM_F
Rev. E 2006/04/15

REVISED	EC NO: G2009-0185	DRWN:GODESBRUERES	2008/12/10
		CHK'D: J. GIURIATO	2008/12/11
		APPR: OPLESSI,S	2008/12/15

RECOMMENDATION	FEV
07 C1CCT7 IN.Y.11 1A	

GENERAL TOLERANCES
(UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.10	± ---
1 PLACE	± 0.10	± ---

ANGLE BAR ± 2 °

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE
MM ONLY

DRAWN BY	DATE
G.DESBRUERES	2008/10/02
CHECKED BY	DATE
J.GIURIATO	2008/10/03
APPROVED BY	DATE
O.PLESSIS	2008/10/06

	MATERIAL NO.
--	--------------

	N/A
--	-----

SCALE 2:1	DESIGN UNITS METRIC
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TITLE INTERFACES FOR MODULES
32 & 48 CKT CMC
GENERIC SALES DRAWING

MOLEX INCORPORATED

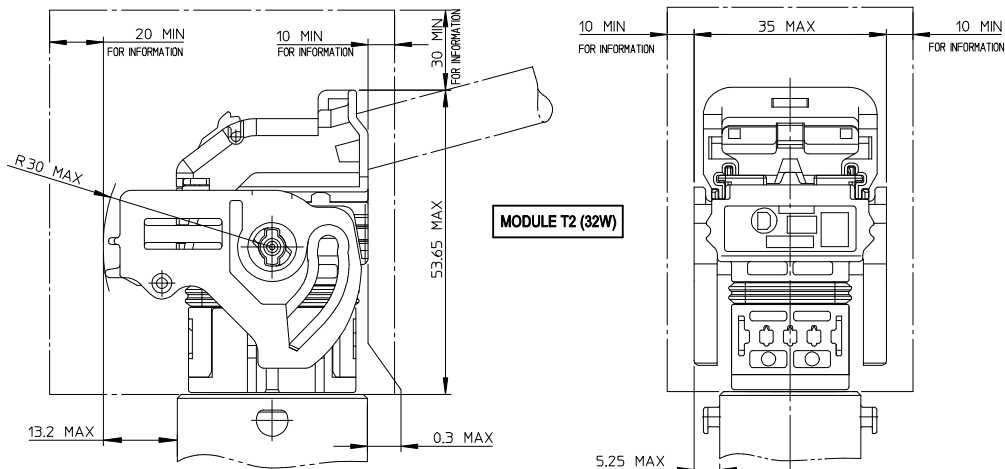
DOCUMENT NO. SD-98644-006	SHEET NO. 1 OF 3
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SHEET NO.
1 OF 3

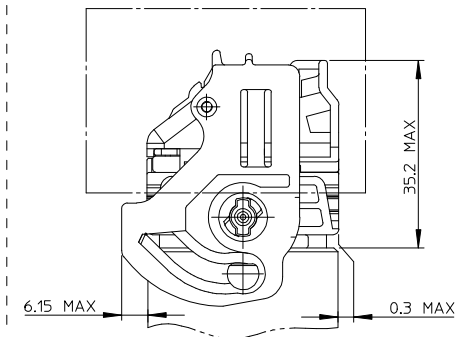
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

CONNECTOR ON HEADER - OVERALL DIMENSIONS

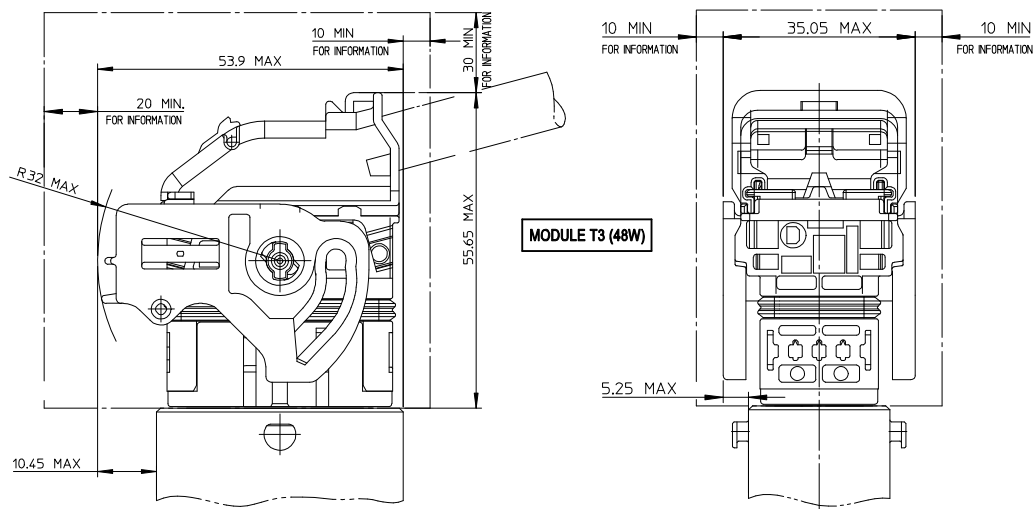
UNLOCKED CONNECTOR - OVERALL DIMENSIONS



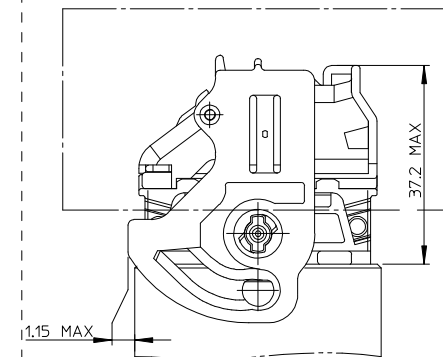
LOCKED CONNECTOR - OVERALL DIMENSIONS



UNLOCKED CONNECTOR - OVERALL DIMENSIONS

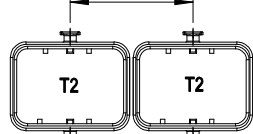


LOCKED CONNECTOR - OVERALL DIMENSIONS

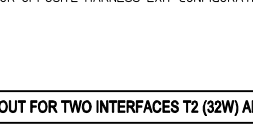


LAYOUT FOR TWO INTERFACES T2 (32W)

FOR SAME HARNESS EXIT CONFIGURATION
40.0 MIN

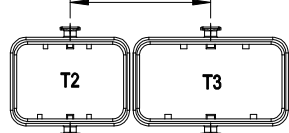


FOR OPPOSITE HARNESS EXIT CONFIGURATION
50.0 MIN



LAYOUT FOR TWO INTERFACES T2 (32W) AND T3 (48W)

FOR SAME HARNESS EXIT CONFIGURATION
39.5 MIN

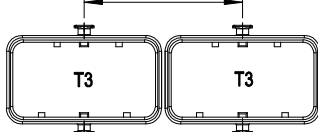


FOR OPPOSITE HARNESS EXIT CONFIGURATION
53.5 MIN

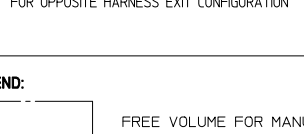


LAYOUT FOR TWO INTERFACES T3 (48W)

FOR SAME HARNESS EXIT CONFIGURATION
44.5 MIN



FOR OPPOSITE HARNESS EXIT CONFIGURATION
53.5 MIN



MULTI-HEADERS LAYOUT

LEGEND:



FREE VOLUME FOR MANUAL LOCKING AND UNLOCKING
DIMENSIONS GIVEN FOR INFORMATION ONLY TO BE
CONFIRMED BASED UPON VEHICLE CONFIGURATION.

(SKC) SPECIAL KEY CHARACTERISTIC

QUANTITY PER INDIVIDUAL SHEET

(SKC) = 0

NOTE:

1- T2 = 32 WAY / T3 = 48 WAY

REVISED

ELC NO: G2009-0185
DRAWN: G. DESBRUERES 2008/12/10
CHKD: J. GIURIATO 2008/12/11
APPR: O. PLESSIS 2008/12/15

DESCRIPTION

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± 0.10	± 0.004
3 PLACES	± 0.15	± 0.006
2 PLACES	± 0.20	± 0.008
1 PLACE	± 0.30	± 0.012
ANGULAR	± 2 °	

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE

MM ONLY

DRAWN BY	DATE
G. DESBRUERES	2008/10/02
CHECKED BY	DATE
J. GIURIATO	2008/10/03
APPROVED BY	DATE
O. PLESSIS	2008/10/06
MATERIAL NO.	
N/A	

SCALE

1:1

DESIGN UNITS

METRIC

FIRST ANGLE PROJECTION

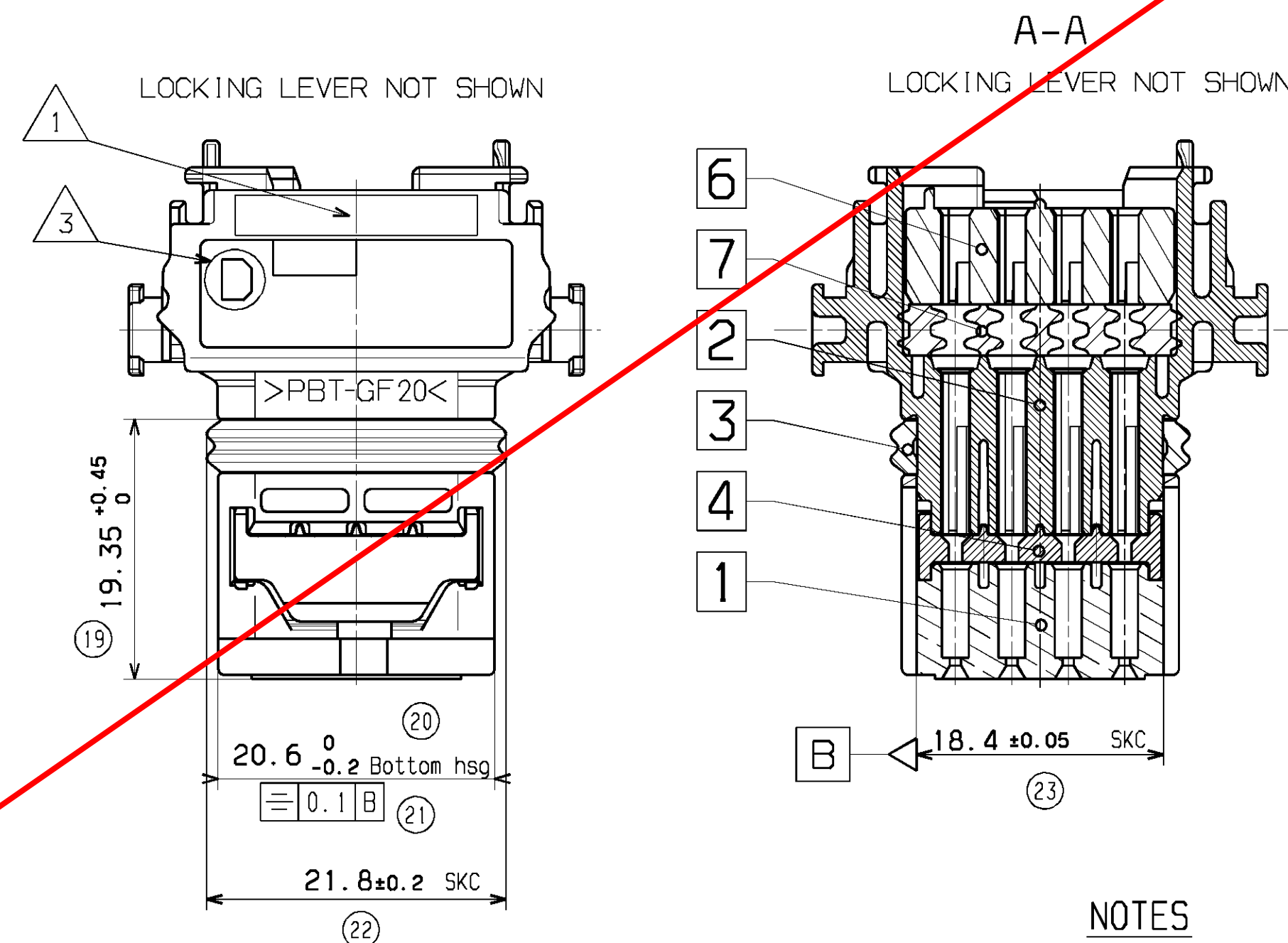
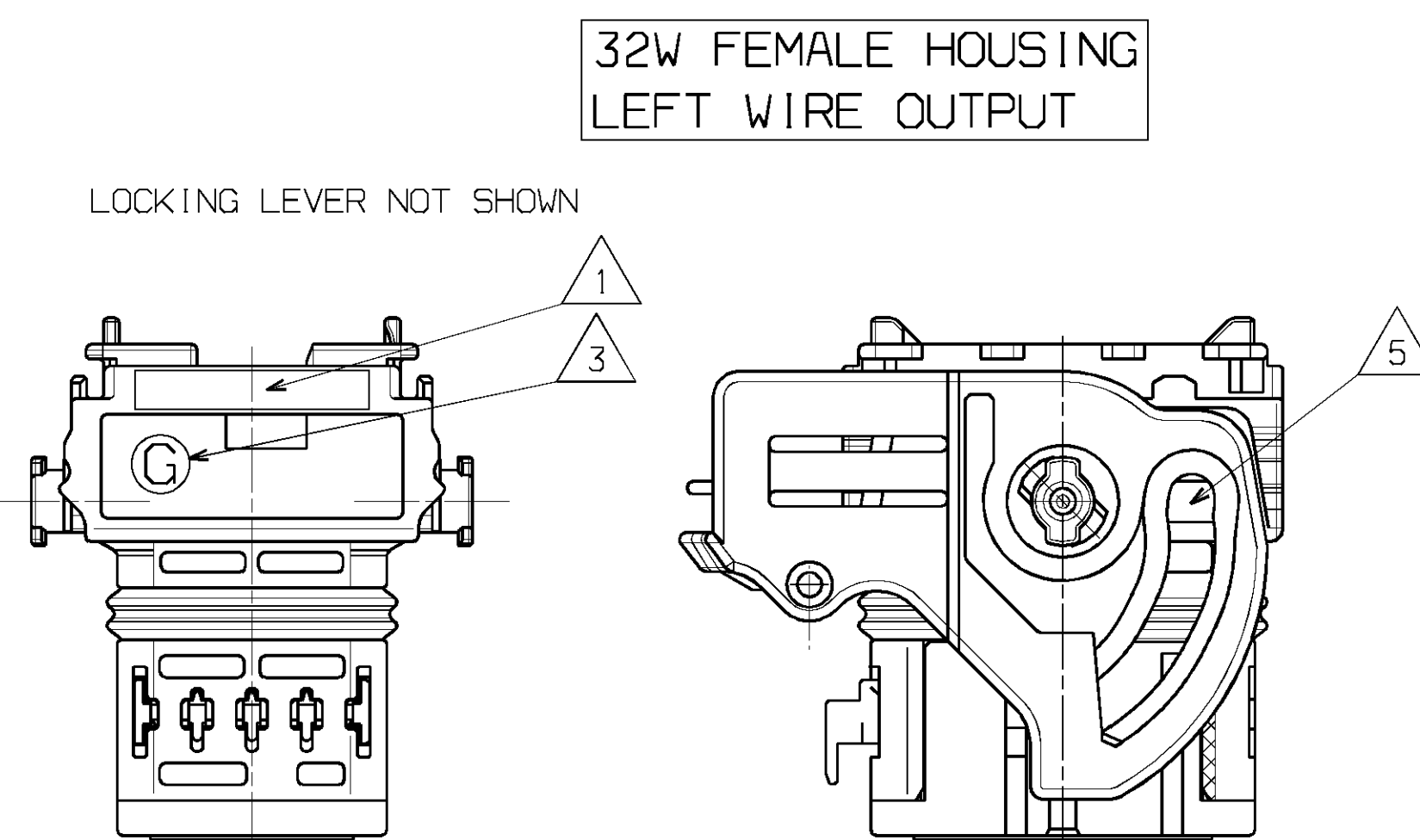
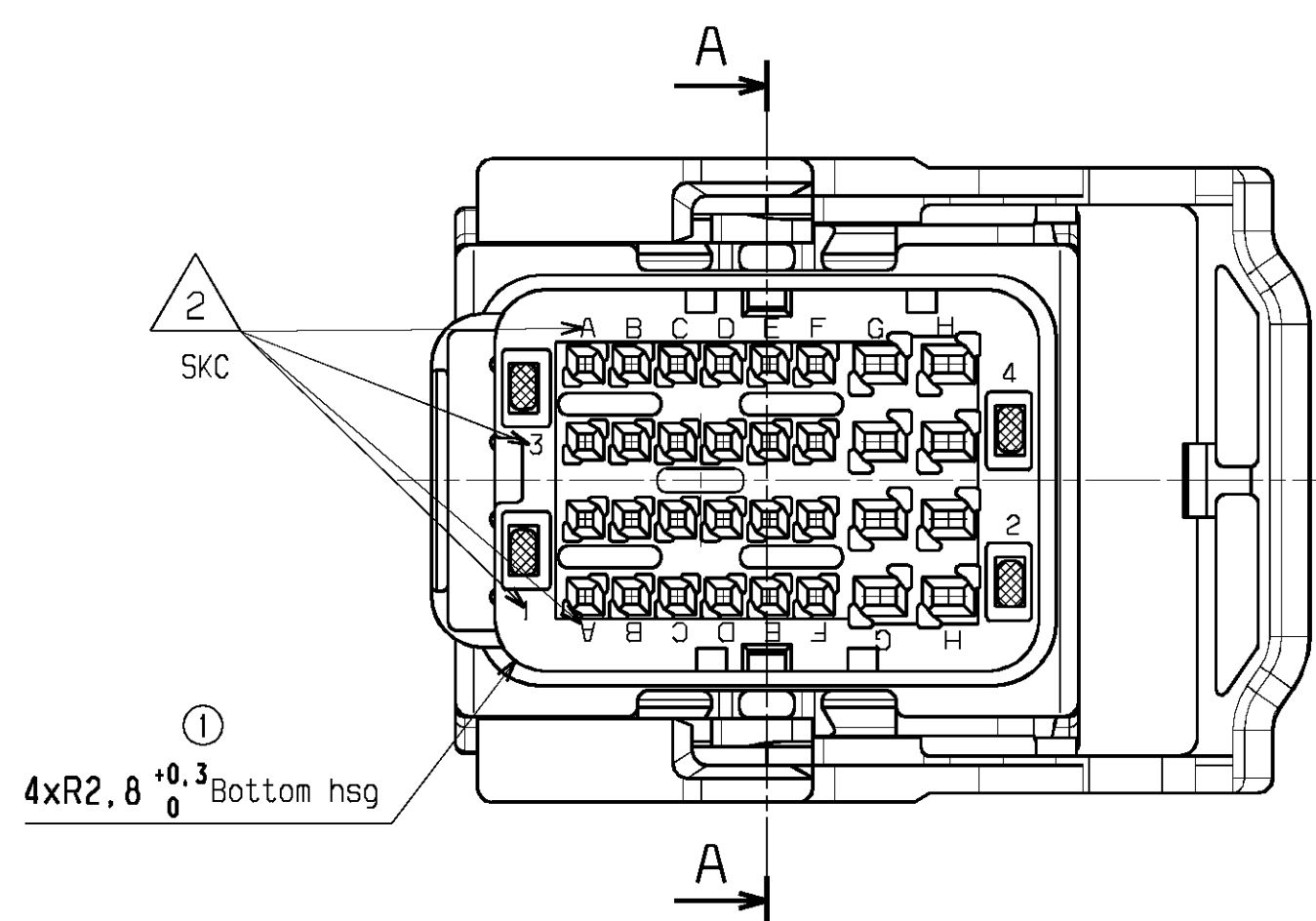
INTERFACES FOR MODULES
32 & 48 CKT CMC
GENERIC SALES DRAWING

MOLEX INCORPORATED

DOCUMENT NO. SD-98644-006

SHEET NO.
3 OF 3

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



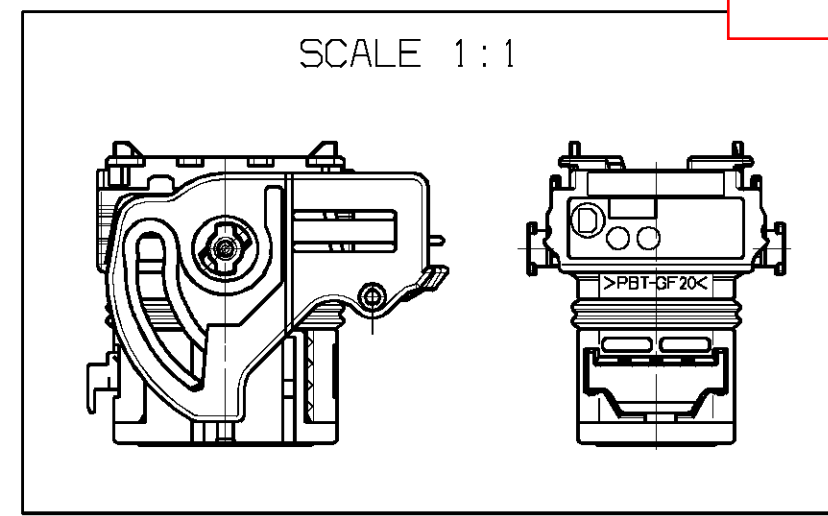
FEMALE HOUSING 32 WAY LEFT WIRE OUTPUT	
MATERIAL NUMBER	COLOR
0643191211	BLACK
0643191218	GREY
0643191219	BROWN
	GREEN
0643191216	BLUE
	YELLOW

FEMALE HOUSING 32 WAY RIGHT WIRE OUTPUT	
MATERIAL NUMBER	COLOR
0643193211	BLACK
0643193218	GREY
0643193219	BROWN
	GREEN
0643193216	BLUE
	YELLOW

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

2-INTERFACE DEFINITION, OVERALL DIMENSION AND LOCATION ON HEADER
AS PER RSD-98644-005

VOID AND SUPERSEDED BY
SD-64319-001 rev C



6-WIRES EXTERNAL DIAMETER USED:
FOR CP0,6 TERMINAL: USE WIRES WITH AN EXTERNAL DIAMETER BETWEEN Ø1,25MM MIN AND Ø1,90MM MAX
FOR CP1,5 TERMINAL: USE WIRES WITH AN EXTERNAL DIAMETER BETWEEN Ø1,80MM MIN AND Ø2,80MM MAX

7-THE CONNECTOR FITS WITH WIRE CAP T2 (32WAY) MOLEX P/N 0643191201

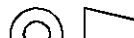
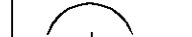
8-BLIND PLUG FOR 0,6 AND 1,5 CAVITIES (MOLEX P/N 0643251010 AND 0643251023)
MUST BE USED ON THIS PART

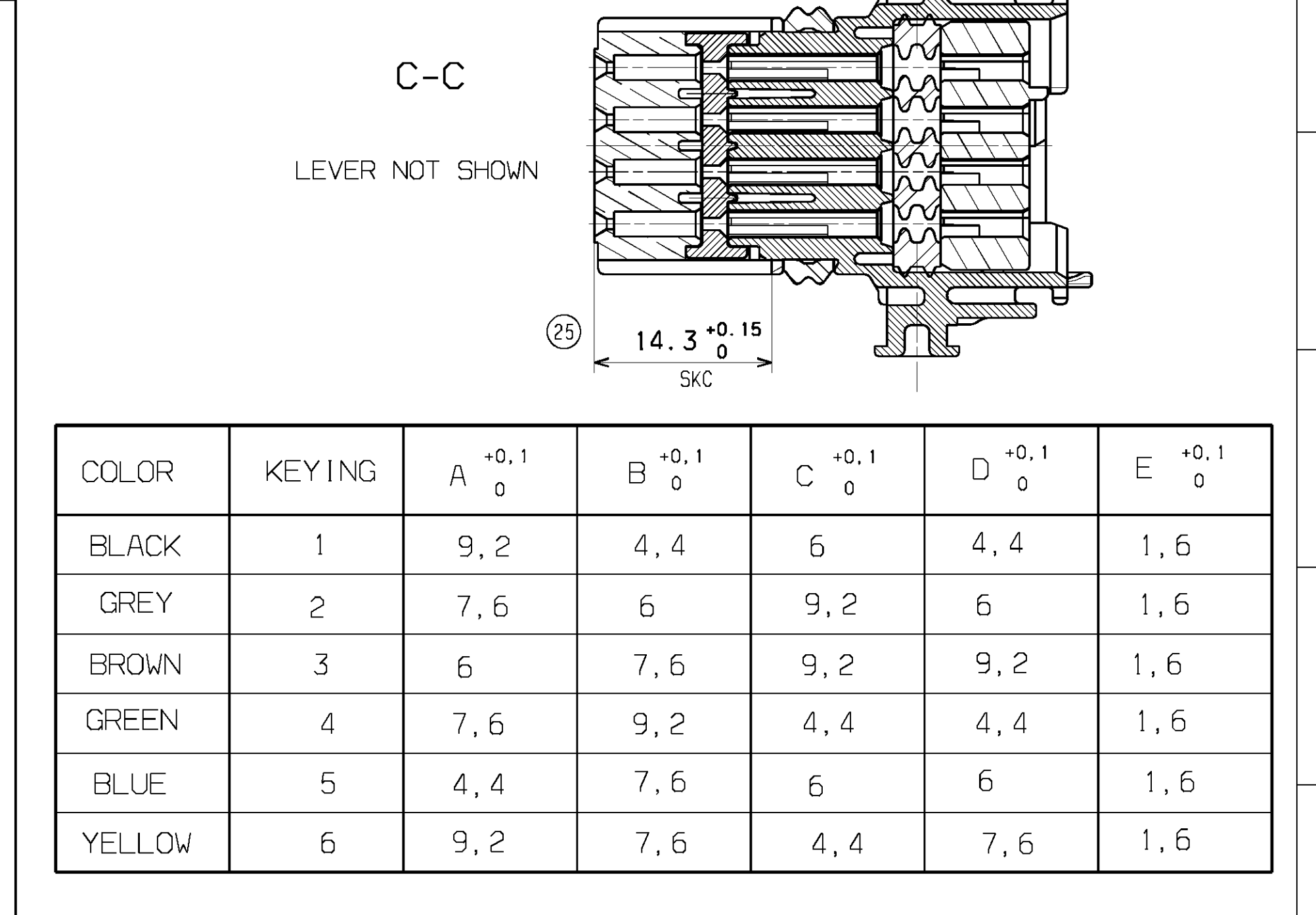
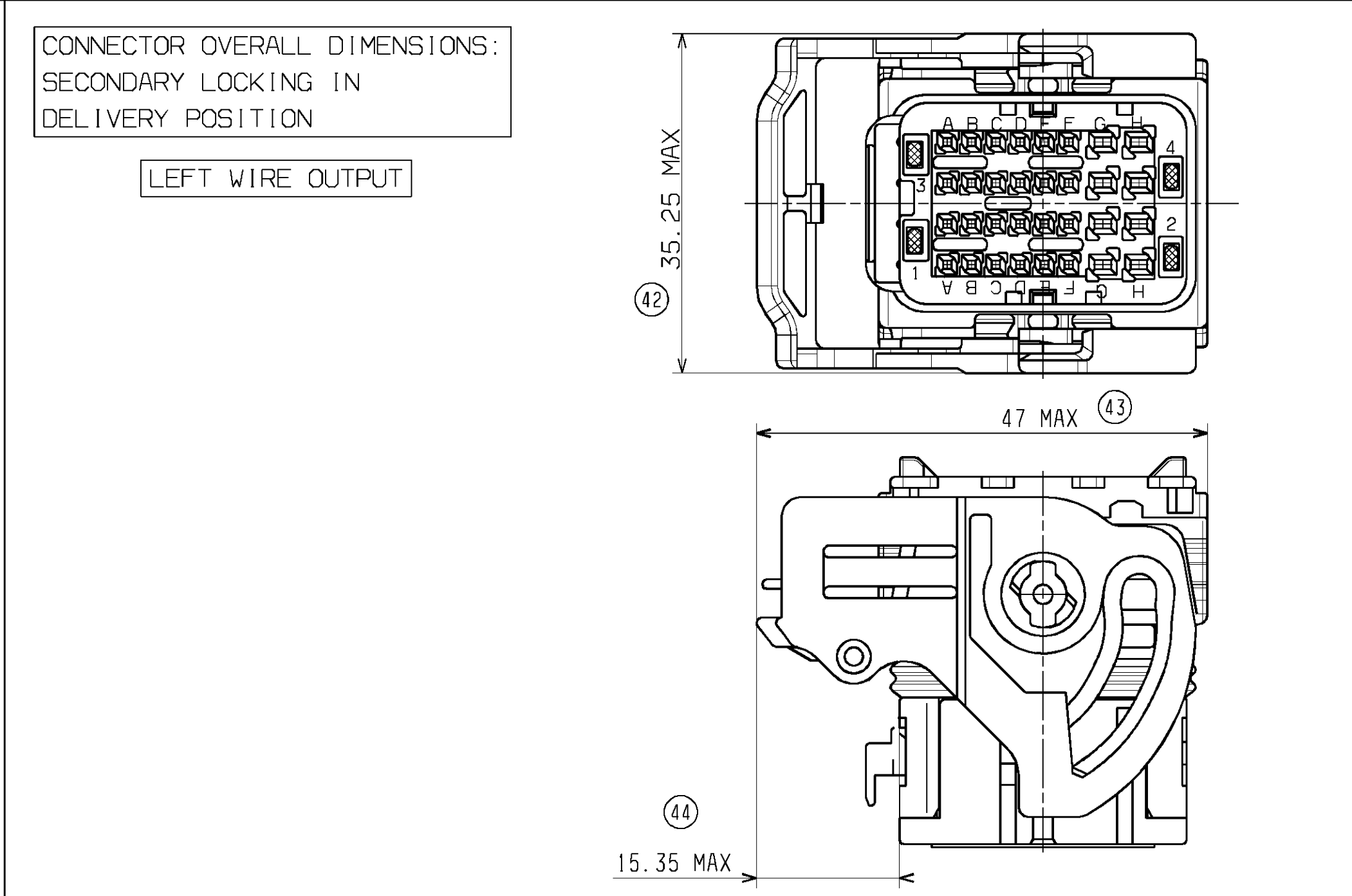
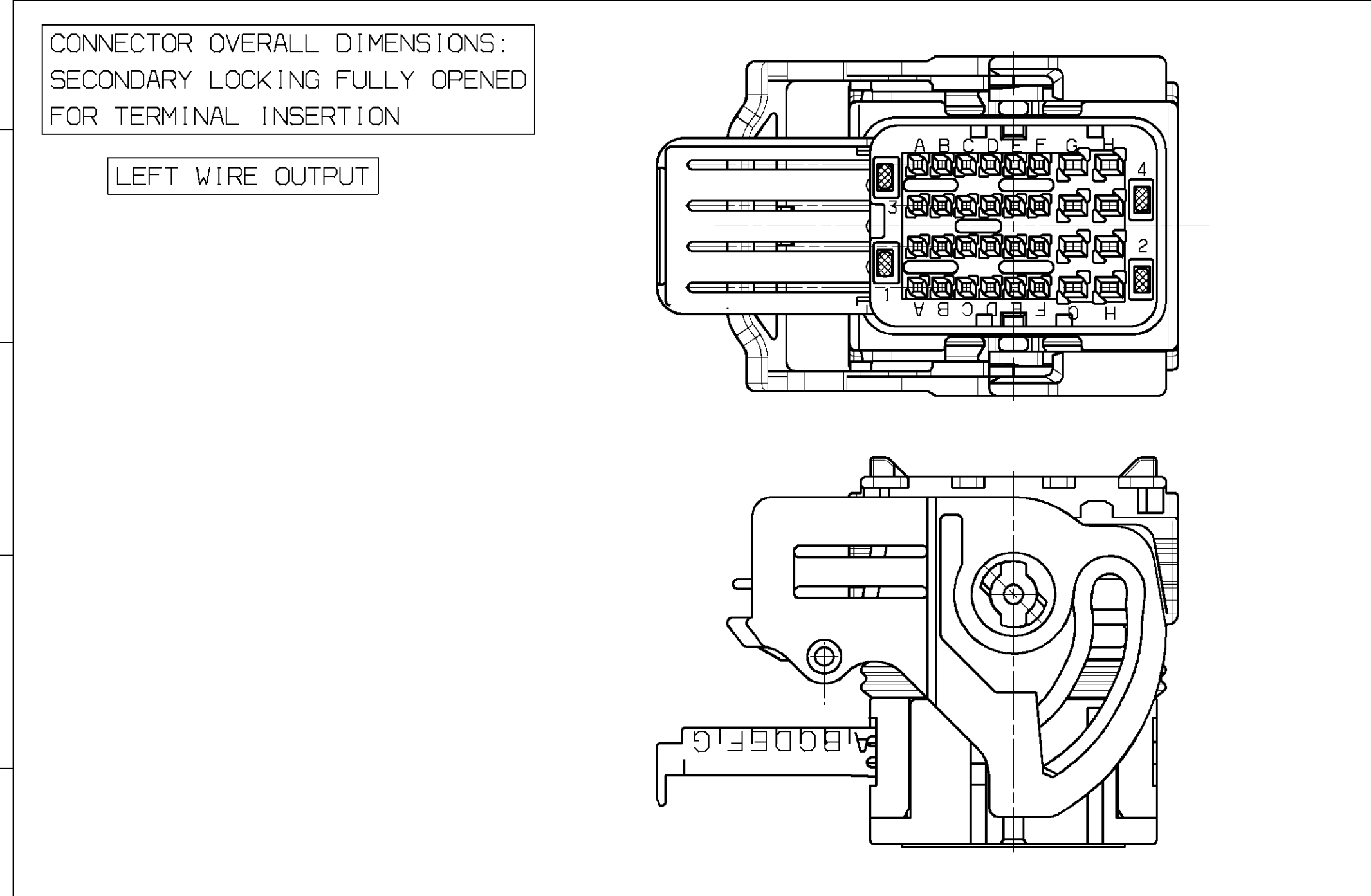
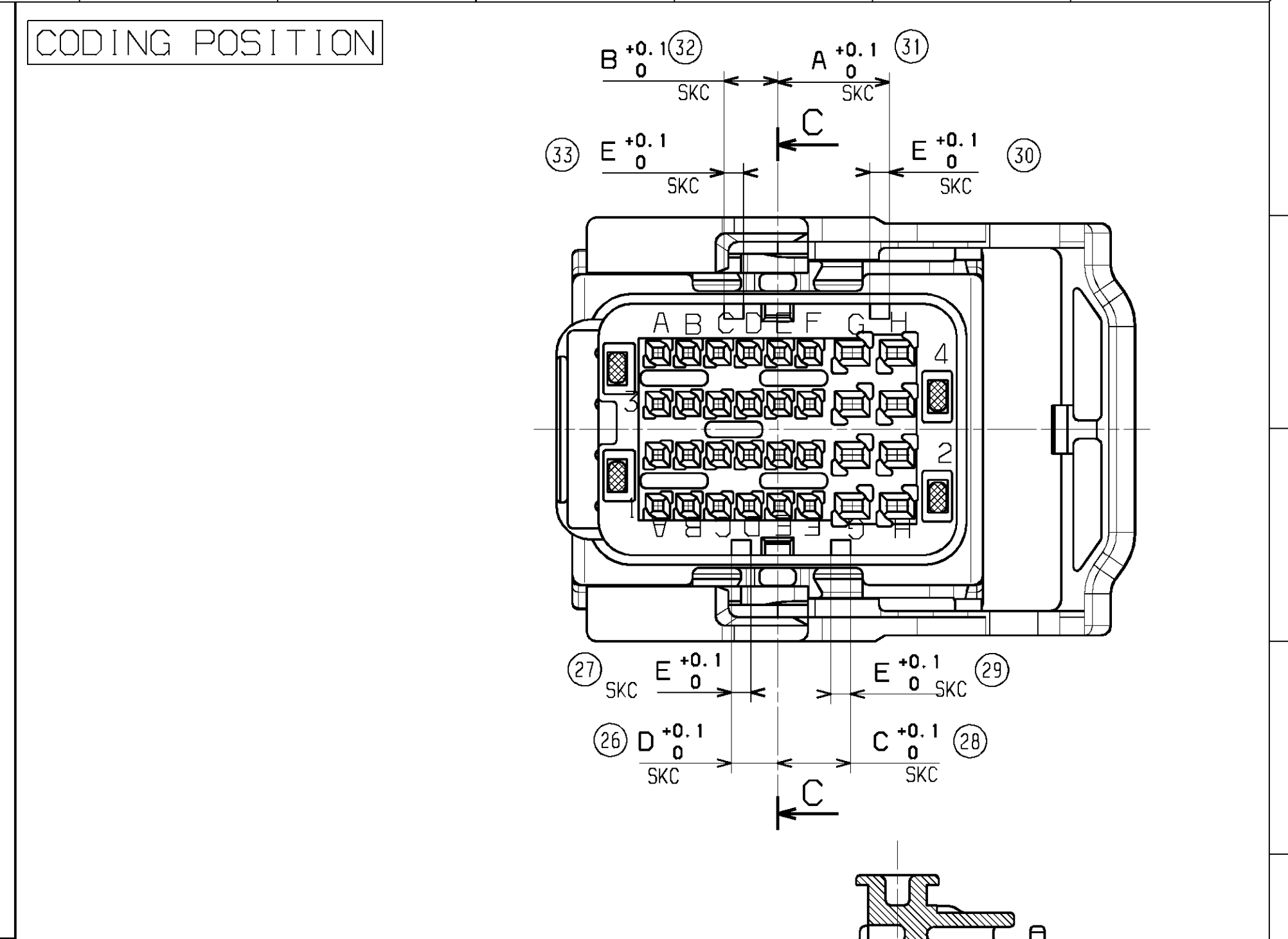
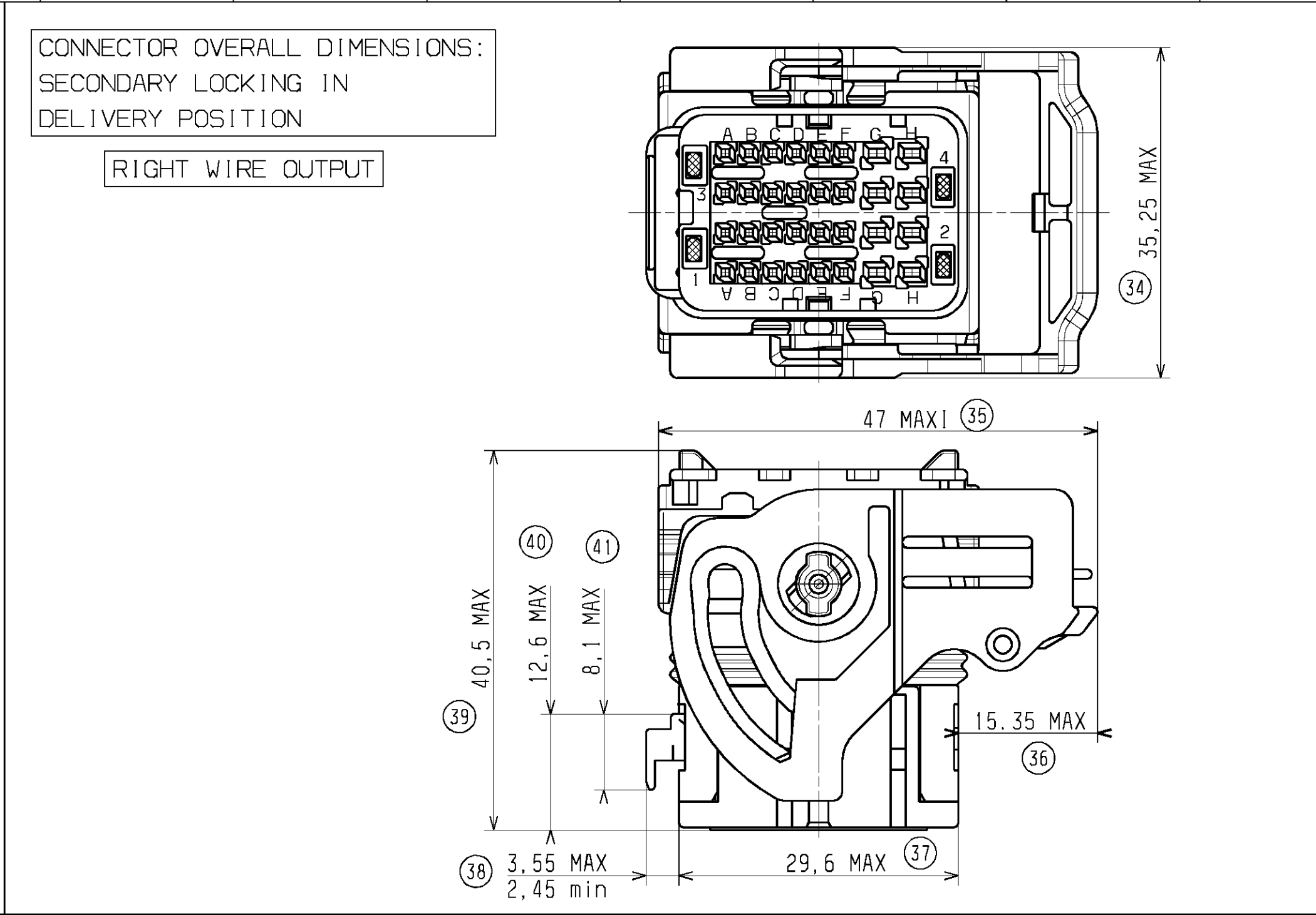
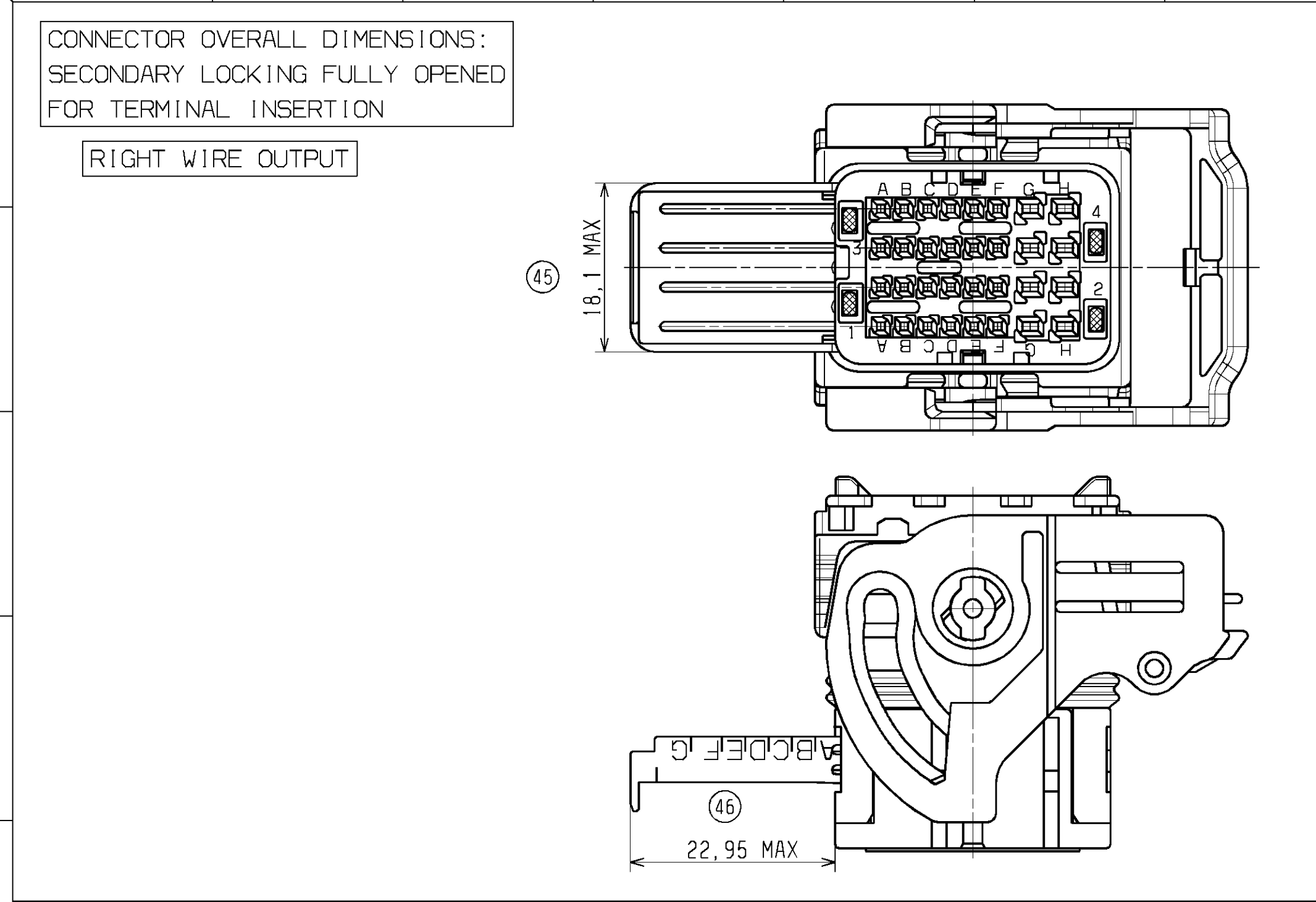
9-DELIVERED PRODUCT WEIGHT: 27,6 g

0989930295	7	MATT SEAL	SILICONE SKC	GREEN
0989930256	6	BACK GRID 32 WAYS	PBT-GF20 SKC	BLUE
0989930241	5	LOCKING LEVER SIZE 2	PBT-GF30 SKC	BLACK
0989930235	4	SECONDARY LOCK	PBT-GF20 SKC	GREEN
0986560001	3	PERIPHERAL SEAL SIZE 2	SILICONE SKC	BLUE
0989930211	2	BACK PART	PBT-GF20 SKC	BLACK
0989930221 0989930228 0989930226 0989930229	1	FRONT PART	PBT-GF20 SKC	COLOR ASSOCIATED TO KEYING
MATERIAL NUMBER	MARK	DESIGNATION	MATERIAL	COLOR

MARKINGS

1	Assembled part traceability 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

UPDATED DRAWING EC NO.: G2008-0367 DRAWN: TBADAROUX 2008/04/21 CHKD: PGRANDCLAUDE 2008/04/21 APPR: CBOUCHAN 2008/04/21	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2.5:1	DESIGN UNITS METRIC	 FIRST ANGLE PROJECTION	
			mm	INCH	DRAWN BY TBADAROUX	DATE 2007/07/16	TITLE CMC CONNECTOR T2 32 WAY MATT SEAL VERSION		
		4 PLACES	±	±	CHECKED BY PGRANDCLAUDE	DATE 2007/07/16			
		3 PLACES	±	±					
		2 PLACES	± 0.1	±	APPROVED BY CBOUCHAN	DATE 2007/07/16	 MOLEX INCORPORATED		
		1 PLACE	± 0.1	±					
		ANGULAR ± 2°		MATERIAL NO. SEE CHART		DOCUMENT NO. SD-98993-001		SHEET NO. 1 OF 2	
C	REV	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					



COLOR	KEYING	A ^{+0.1} ₀	B ^{+0.1} ₀	C ^{+0.1} ₀	D ^{+0.1} ₀	E ^{+0.1} ₀
BLACK	1	9,2	4,4	6	4,4	1,6
GREY	2	7,6	6	9,2	6	1,6
BROWN	3	6	7,6	9,2	9,2	1,6
GREEN	4	7,6	9,2	4,4	4,4	1,6
BLUE	5	4,4	7,6	6	6	1,6
YELLOW	6	9,2	7,6	4,4	7,6	1,6

TERMINALS USED		MOLEX PART NUMBER			
CAVITIES IDENTIFICATION	FEMALE TERMINAL 0.635	TIN PLATED TERMINAL		GOLD PLATED TERMINAL 1.27µm min	
	A1 to F1	(0,35 to 0,44 mm2)	(0,5 mm2)	(0,35 to 0,44 mm2)	(0,5 mm2)
	A2 to F2	0643221019	0643221039	0643221229	0643221239
	A3 to F3		(0,75 mm2)		(0,75 mm2)
CAVITIES IDENTIFICATION	FEMALE TERMINAL 1.50	(1 mm2)	(>1 to 2 mm2)	(1 mm2)	(>1 to 2 mm2)
	G1 to G4	0643231029	0643231039	0643231319	0643231219
	H1 to H4				

SKC: CS CHARACTERISTICS

SKC

SKC: 9

UPDATED DRAWING
EC NO:G2008-0367
DRWN:TBADAROUX 2008/04/21
CH:KO:PORANCLAUDE 2008/04/21
APPR:CEBOUCHAN 2008/04/21

DESCRIPTION

REV C

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

DRAWN BY
TBADAROUX

CHECKED BY
PGRANDCLAUDE

APPROVED BY
CBOUCHAN

MATERIAL NO.
SEE SHEET 1

SIZE
A1

DATE
2007/07/16

DATE
2007/07/16

DATE
2007/07/16

DOCUMENT NO.
SD-98993-001

SHEET NO.
2 OF 2

SCALE
2:1

DESIGN UNITS
METRIC

FIRST ANGLE
PROJECTION

CMC CONNECTOR T2 32 WAY
MATT SEAL VERSION

MOLEX INCORPORATED

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