



产品编号：[643193219](#)
Product Description：[.635mm, 1.50mm, CMC](#)
[Receptacle, 32 Circuits, Right Wire](#)
[Output, Brown Coding, Mat Sealed](#)
系列号：[64319](#)
状态：[Active](#)
Product Category：[Connector Housings](#)



文件和资源

图纸

[图纸 643193219_sd.pdf](#)

3D 模型和设计文件

[3D模型 643193219_stp.zip](#)

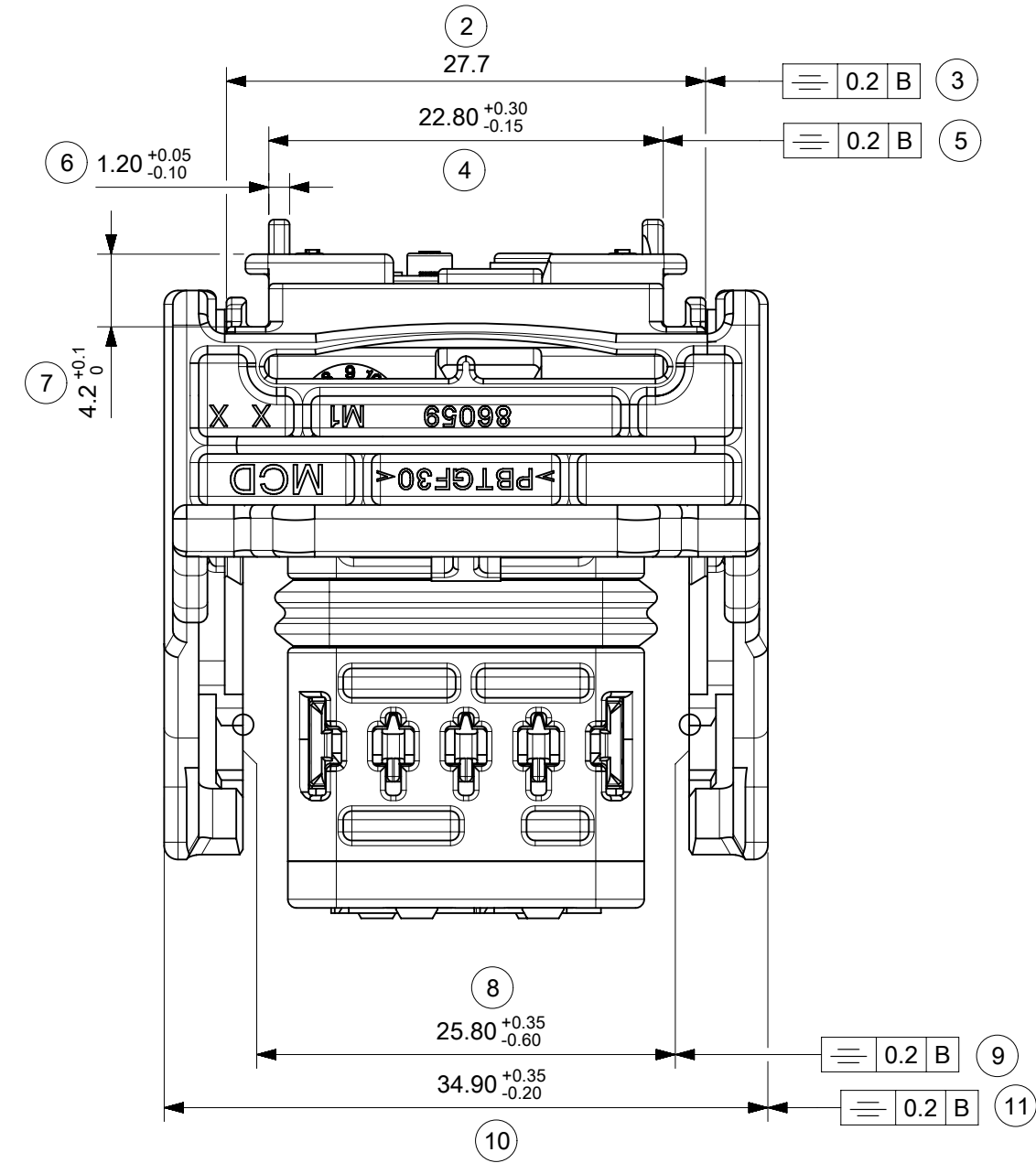
规格

- [应用规格 AS-64319-002-001.pdf](#)
- [应用规格 AS-64319-002-CH-001.pdf](#)
- [应用规格 AS-64319-002-FR-001.pdf](#)
- [应用规格 AS-64319-002-SP-001.pdf](#)
- [应用规格 984200002-AS-KR-000.pdf](#)
- [应用规格 AS-98420-002-001.pdf](#)
- [应用规格 AS-98420-002-CH-001.pdf](#)
- [应用规格 AS-98420-002-FR-001.pdf](#)
- [应用规格 AS-98420-002-SP-001.pdf](#)
- [包装规格 PK-64319-001-001.pdf](#)
- [产品规格 PS-64319-002-001.pdf](#)

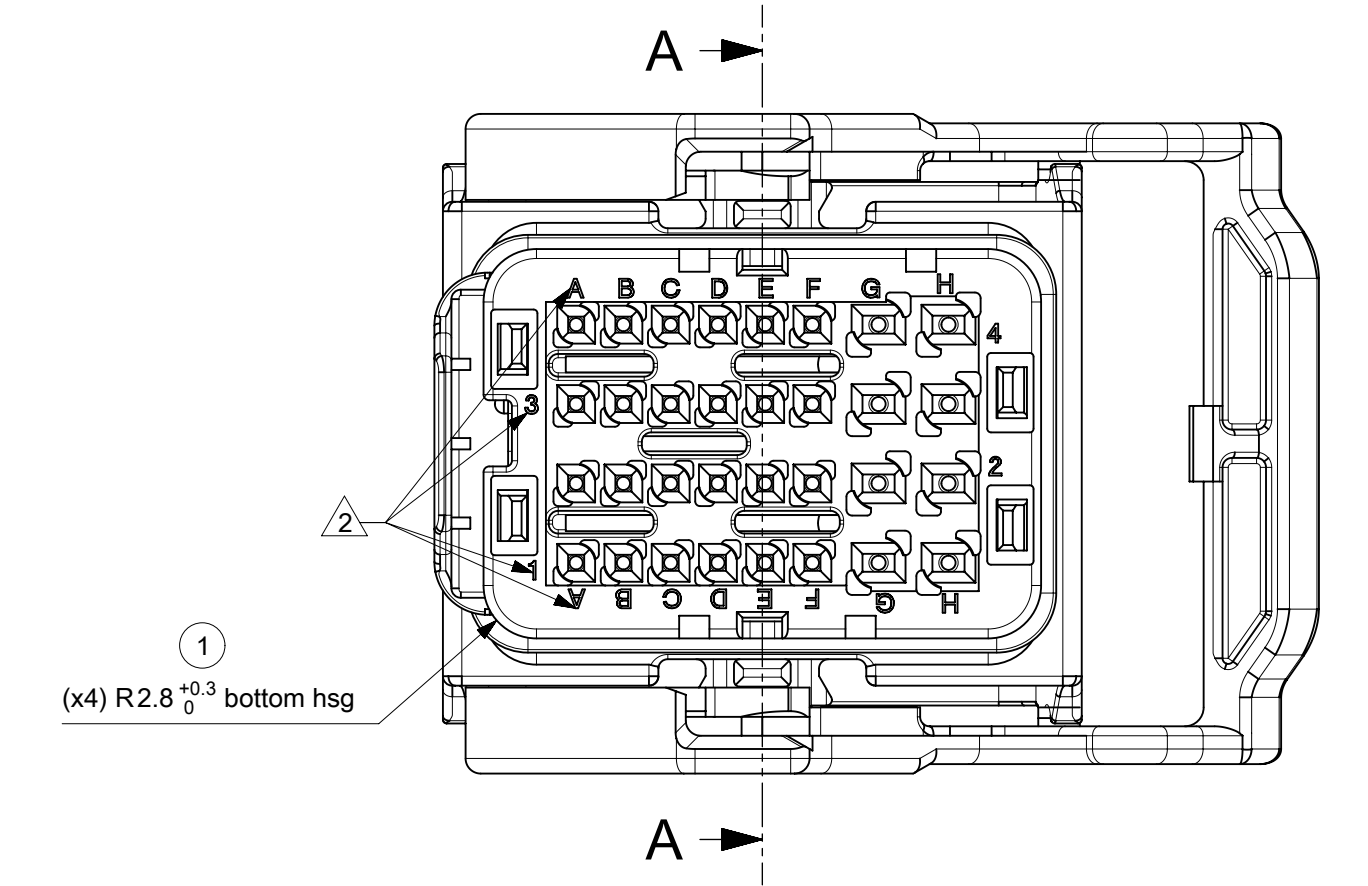
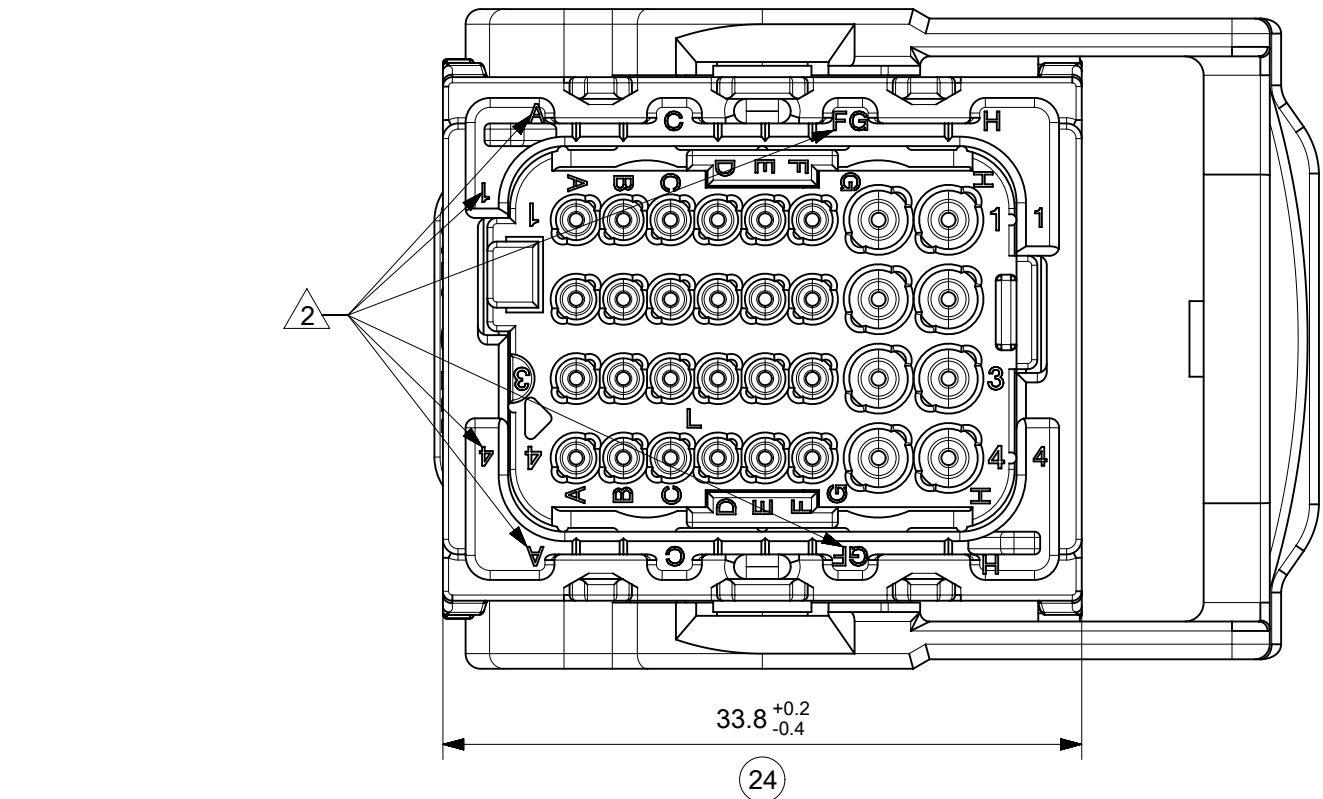
产物环境合规

合规

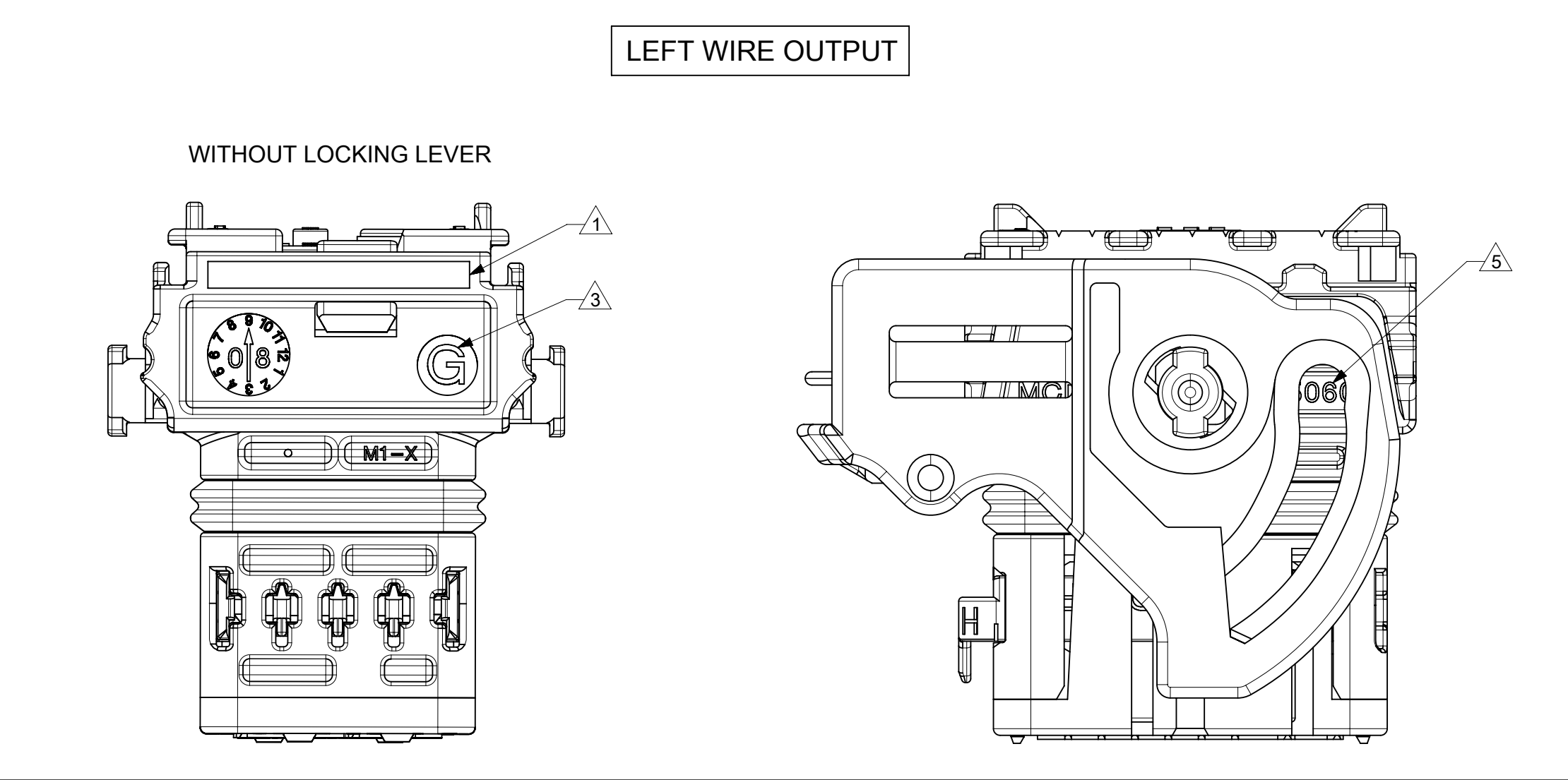
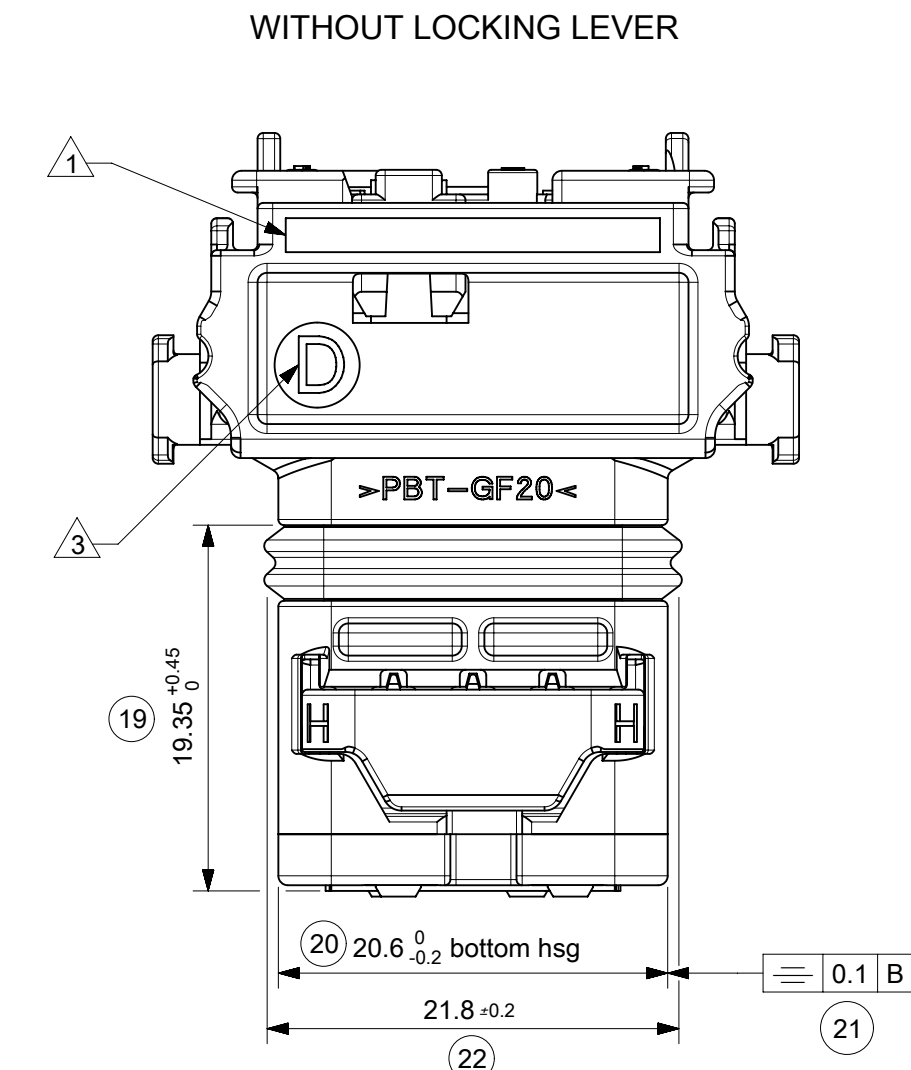
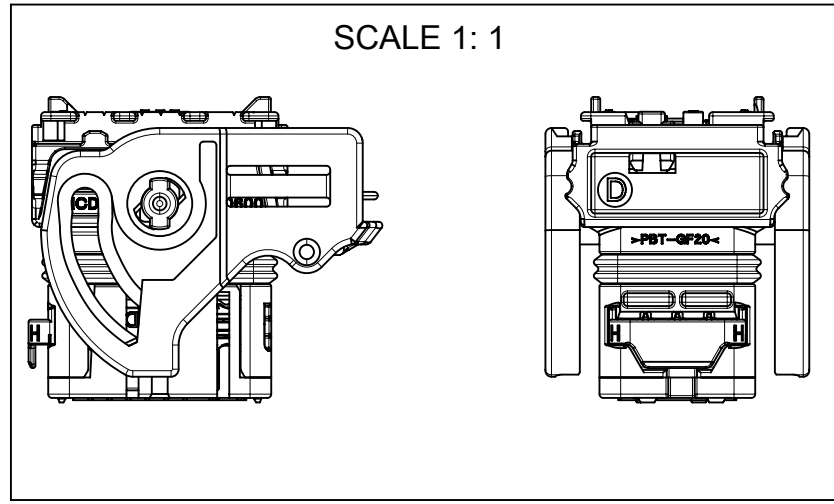
GADSL/IMDS	Compliant
China RoHS	
EU ELV	Compliant per 2000/53/EC
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)3788-DC (14 Jun 2023)
EU RoHS	Compliant per EU 2015/863



7	MAT SEAL	Silicon	RED
6	BACK GRID 32W	>PBT-GF20<	GREY
5	LOCKING LEVER 32W	>PBT-GF30<	BLACK
4	SECONDARY LOCK	>PBT-GF20<	GREEN
3	PERIPHERAL SEAL 32W	Silicon	BLUE
2	BACK PART	>PBT-GF20<	BLACK
1	FRONT PART	>PBT-GF20<	COLOR LINKED TO KEYING
POS.	DESIGNATION	MATERIAL	COLOR



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



- NOTES:
- FOR ILLUSTRATION PURPOSE THE FEMALE HOUSING SHOWN IS THE RIGHT WIRE OUTPUT VERSION CODING 1
 - APPLICATION SPECIFICATION: AS-64319-002
 - 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 Ø1.40MM MIN AND Ø2.80MM MAX
 - THE CONNECTOR FITS WITH WIRE CAP (32 WAY) MOLEX P/N 0643191201
 - BLIND PLUG FOR CP 0.6 AND 1.5 CAVITIES (MOLEX P/N 0643251010 AND 0643251023) MUST BE USED ON THIS PART
 - DELIVERED PRODUCT WEIGHT: 27.6 g

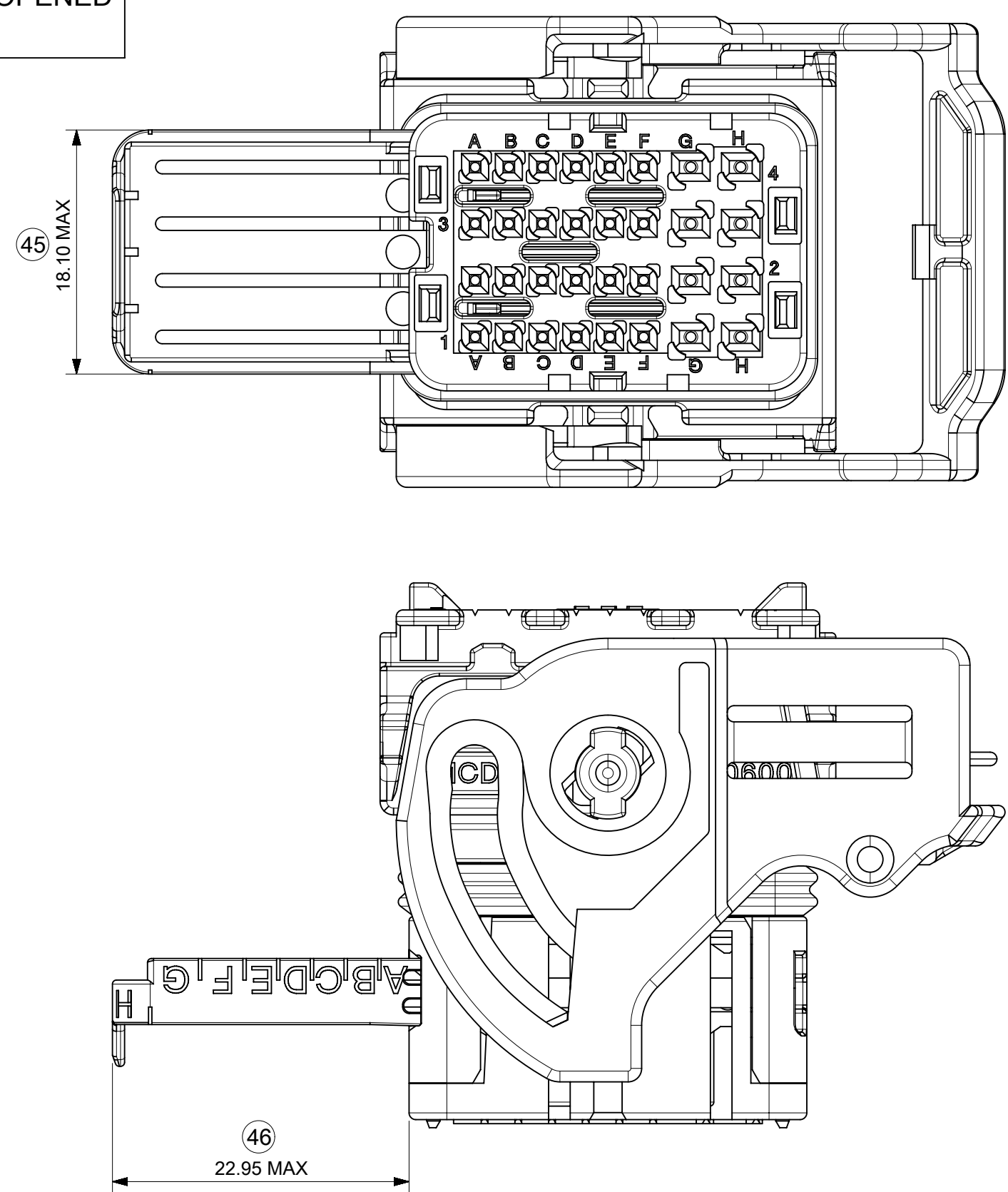
LEFT WIRE OUTPUT	
MATERIAL NUMBER	COLOR
0643191211	BLACK
0643191218	GREY
0643191219	BROWN
0643191216	BLUE

RIGHT WIRE OUTPUT	
MATERIAL NUMBER	COLOR
0643193211	BLACK
0643193218	GREY
0643193219	BROWN
0643193216	BLUE

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
DIMENSION UNITS		SCALE		CURRENT REV DESC: NX RE-MASTERING			<div>molex</div>		
mm		2.5:1							
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 625008 DRWN: PBOSQUAIN 2019/09/02 CHK'D: CBOUCHAN 2019/10/02 APPR: SLAFAURE 2019/10/07			CMC CONNECTOR 32 WAY MAT SEAL VERSION		
ANGULAR TOL ± 2°									
4 PLACES		± 0.1							
3 PLACES		± 0.1		INITIAL REVISION: DRWN: TBADAROUX 2007/07/16 APPR: cbouchan 2007/07/16			PRODUCT CUSTOMER DRAWING <div>DOCUMENT NUMBER SD-64319-001</div> <div>DOC TYPE PSD</div> <div>DOC PART 001</div> <div>REVISION J2</div>		
2 PLACES		± 0.1							
1 PLACE		± 0.1							
0 PLACES		±							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				FIRST ANGLE PROJECTION		DRAWING		SHEET NUMBER	
						A1-SIZE		64319	
						MATERIAL NUMBER		CUSTOMER	
						SEE TABLE		GENERAL MARKET	

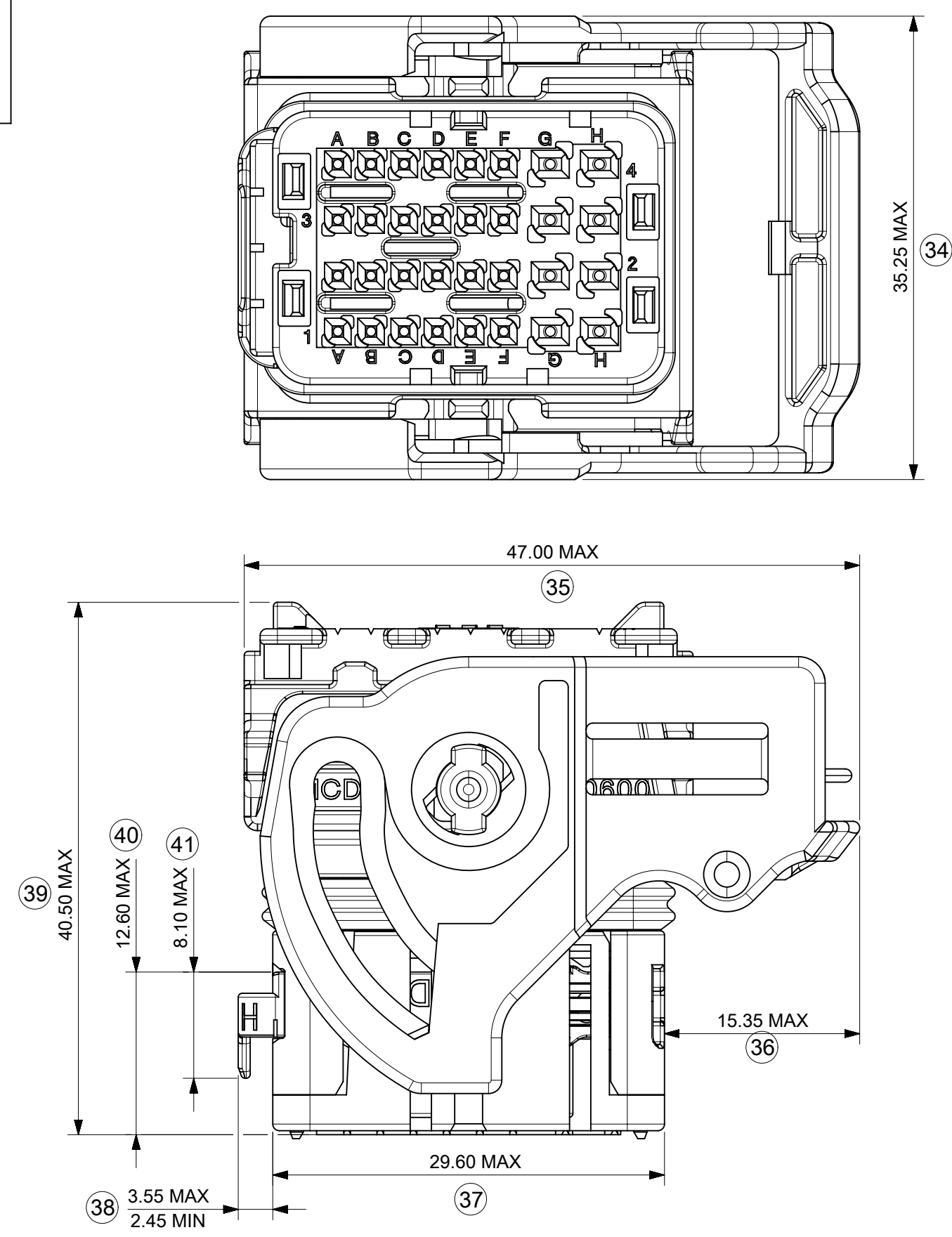
CONNECTOR OVERALL DIMENSIONS:
SECONDARY LOCKING FULLY OPENED
FOR TERMINALS INSERTION

RIGHT WIRE OUTPUT



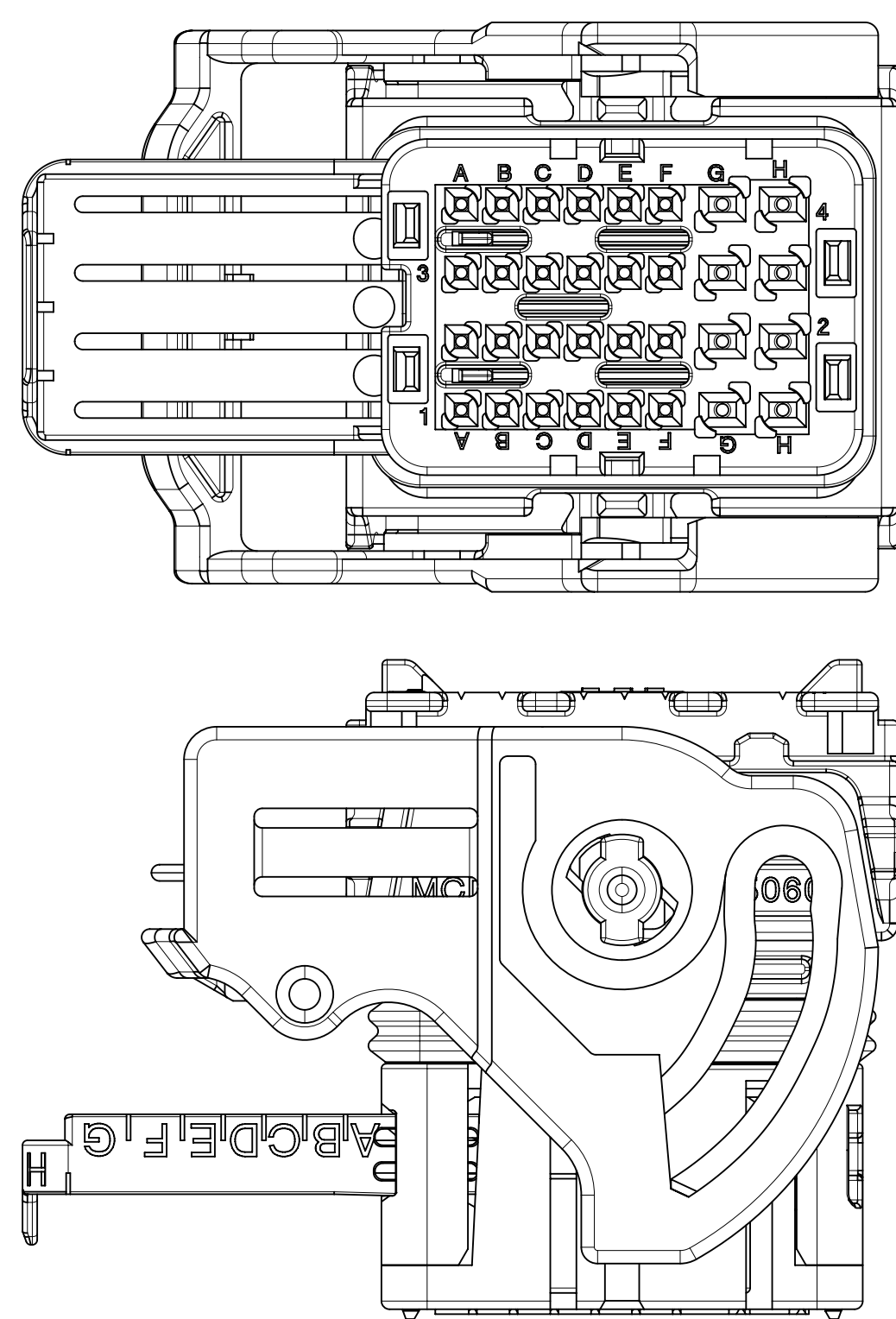
CONNECTOR OVERALL DIMENSIONS:
SECONDARY LOCKING IN DELIVERY
POSITION

RIGHT WIRE OUTPUT



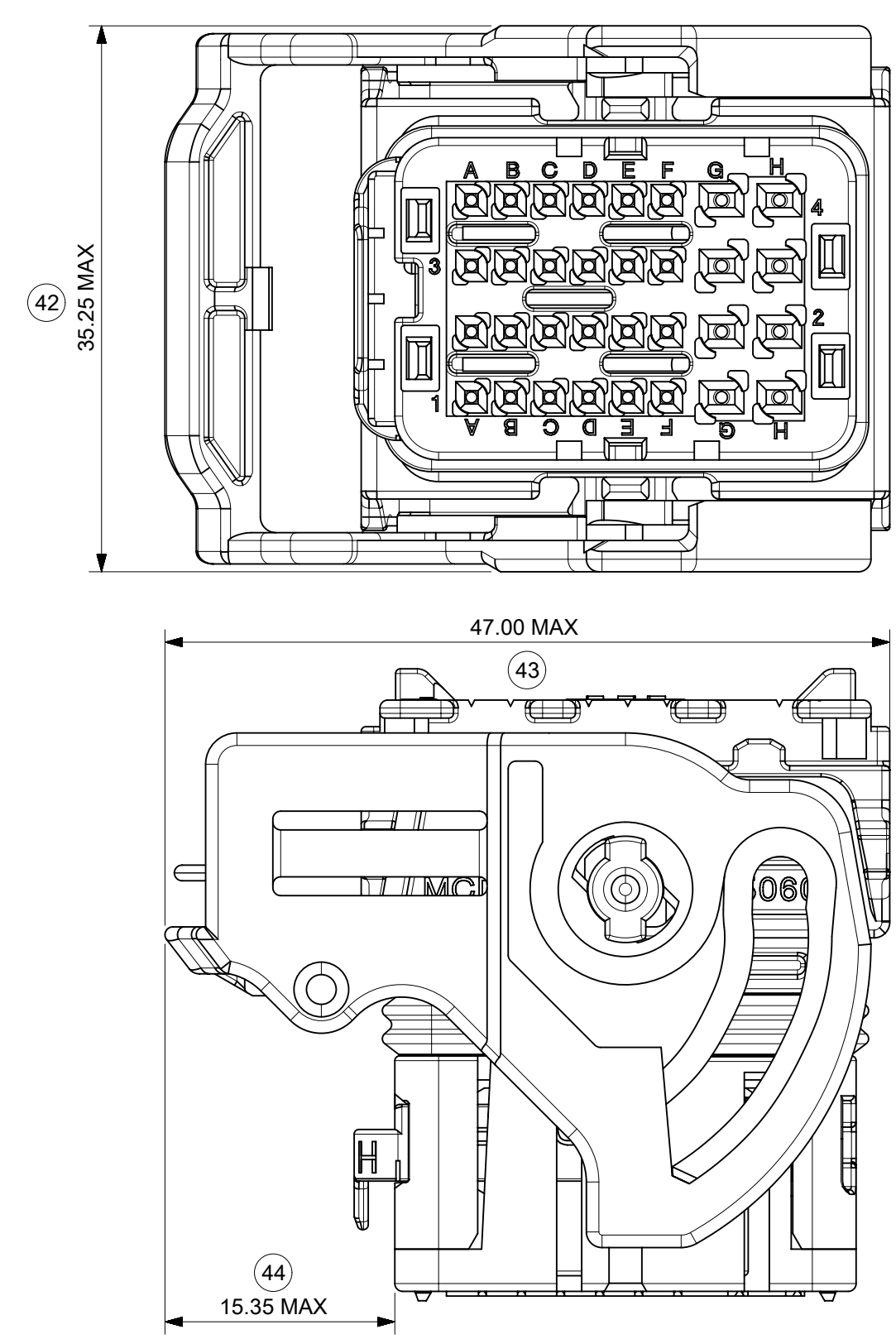
CONNECTOR OVERALL DIMENSIONS:
SECONDARY LOCKING FULLY OPENED
FOR TERMINALS INSERTION

LEFT WIRE OUTPUT

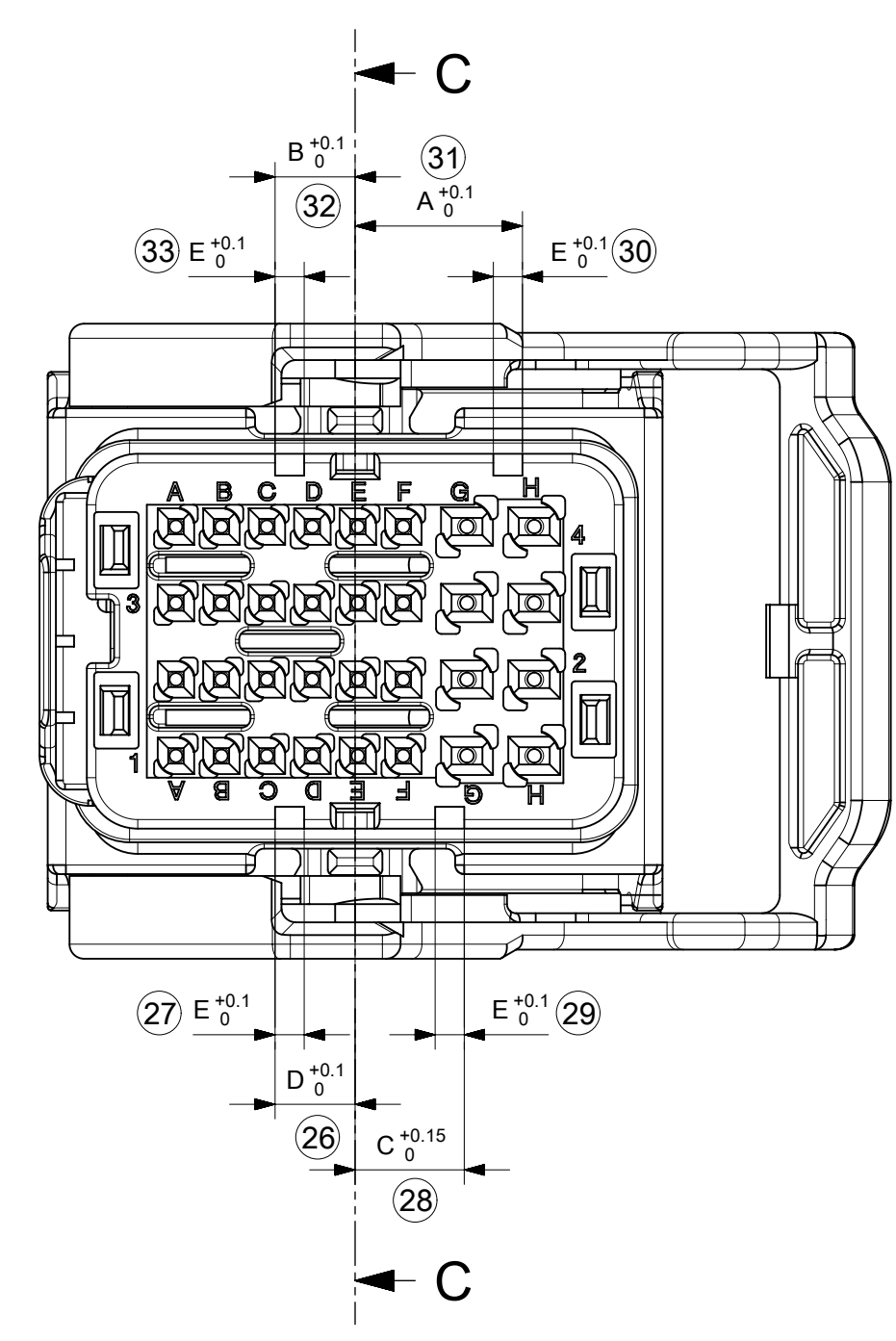


CONNECTOR OVERALL DIMENSIONS:
SECONDARY LOCKING IN DELIVERY
POSITION

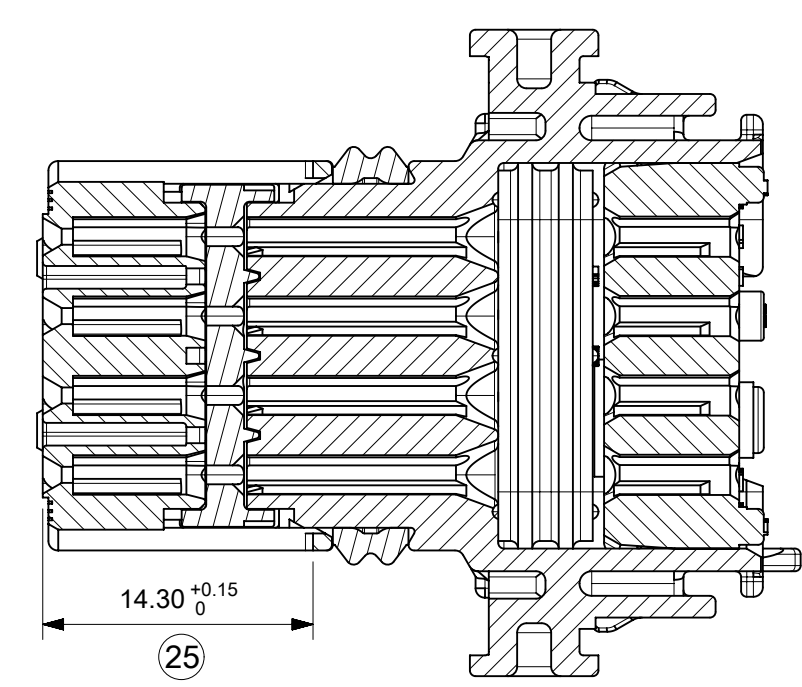
LEFT WIRE OUTPUT



CODING POSITION



SECTION C-C
LOCKING LEVER NOT SHOWN



COLOR	CODING	A	B	C	D	E
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				
CAVITY N°	FEMALE TERMINALS (Section mm2)	PLATING	MOLEX P/N	min / MAX WIRE INSULATION DIAMETER (mm)
A1 to A4 B1 to B4 C1 to C4 D1 to D4 E1 to E4 F1 to F4	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	
	CP 0.6 0.75mm2	Tin plated	0643221029	Ø1.60 min / Ø1.90 Max
		Gold plated	0643221219	
G1 to G4 H1 to H4	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	

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS

mm

SCALE

2.5:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL ± 2°

4 PLACES ± 0.1

3 PLACES ± 0.1

2 PLACES ± 0.1

1 PLACE ± 0.1

0 PLACES ±

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: NX RE-MASTERING

EC NO: 625008

DRWN: PBOSQUAIN 2019/09/02

CHK'D: CBOUCHAN 2019/10/02

APPR: SLAFAURE 2019/10/07

INITIAL REVISION:

DRWN: TBADAROUX 2007/07/16

APPR: cbouchan 2007/07/16

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER

DOC TYPE

DOC PART

REVISION

SD-64319-001

PSD

001

J2

MATERIAL NUMBER

CUSTOMER

SHEET NUMBER

SEE TABLE

GENERAL MARKET

2 OF 2

多部分产品合规性声明

- Eu RoHS
- REACH SVHC
- Low-Halogen

多部分行业合规性文件

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

欧盟 RoHS 合格证书

产品详情

常规

状态	活动
类别	Connector Housings
系列	64319
说明	.635mm, 1.50mm, CMC Receptacle, 32 Circuits, Right Wire Output, Brown Coding, Mat Sealed
应用	Automotive, Power, Wire-to-Board
个评论	Current tested on a 5 terminals loaded connector, current for temperature increase of 40° C; Current max = 6.0A for 0.635mm Terminal (0.75mm² wire) and 12.0A for 1.50mm Terminal (2.00mm² wire)
更详细的技术信息	Sealed, high-density, modular connecting system for Power Train and Body Electronics applications in cars, trucks, busses
产品系列	CMC and CMX Sealed, Hybrid, Modular Connectors
产品名称	CMC
UPC	883906134860

电气

每触点最大电流	12.0A, 2.5A
---------	-------------

物理

电路详图	8 x 1.5mm & 40 x 0.635mm terminals
电路数（最多）	32
颜色-树脂	棕色
性别	Receptacle
符合灼热丝规范	否
插接极性	是
锁定插接部位	是
材料 - 树脂	Polyester
净重	29.426/g
行数	4
包装形式	Carton
面板安装式	否
间距 - 插配接口	2.54mm, 3.70mm
有极性的插配件	是
可堆叠的	否
运行温度范围	-40° to +125° C

进程

无铅	不适用
----	-----

可配插/可连接使用的产品

可配插部件

描述	产品编号
2.50mm, 3.70mm CMC Header, Right-Angle, 32 Circuits, 1 Port, Brown	<u>0643340300</u>

可连接使用部件

描述	产品编号
CMC Wire Cap for 32 Circuits, CMC Receptacle Mat Sealed	<u>/content/molex/molex-dot-com/cn/zh/products/product-page.html/643191201.html</u>
CMC 0.635mm Blind Cavity Plug	<u>/content/molex/molex-dot-com/cn/zh/products/product-page.html/643251010.html</u>

CMC 1.50mm Blind Cavity Plug	/content/molex/molex-dot-com/cn/zh/products/product-page.html/643251023.html
CMC CP Female Terminals	64322
1.50mm CMC CP Female Terminals	64323

施工工具

全局

描述	产品编号
Continuity Test Pen Assembly	0638121100
Unlocking Tool for CMC and CMX Receptacle Connector	0638241200