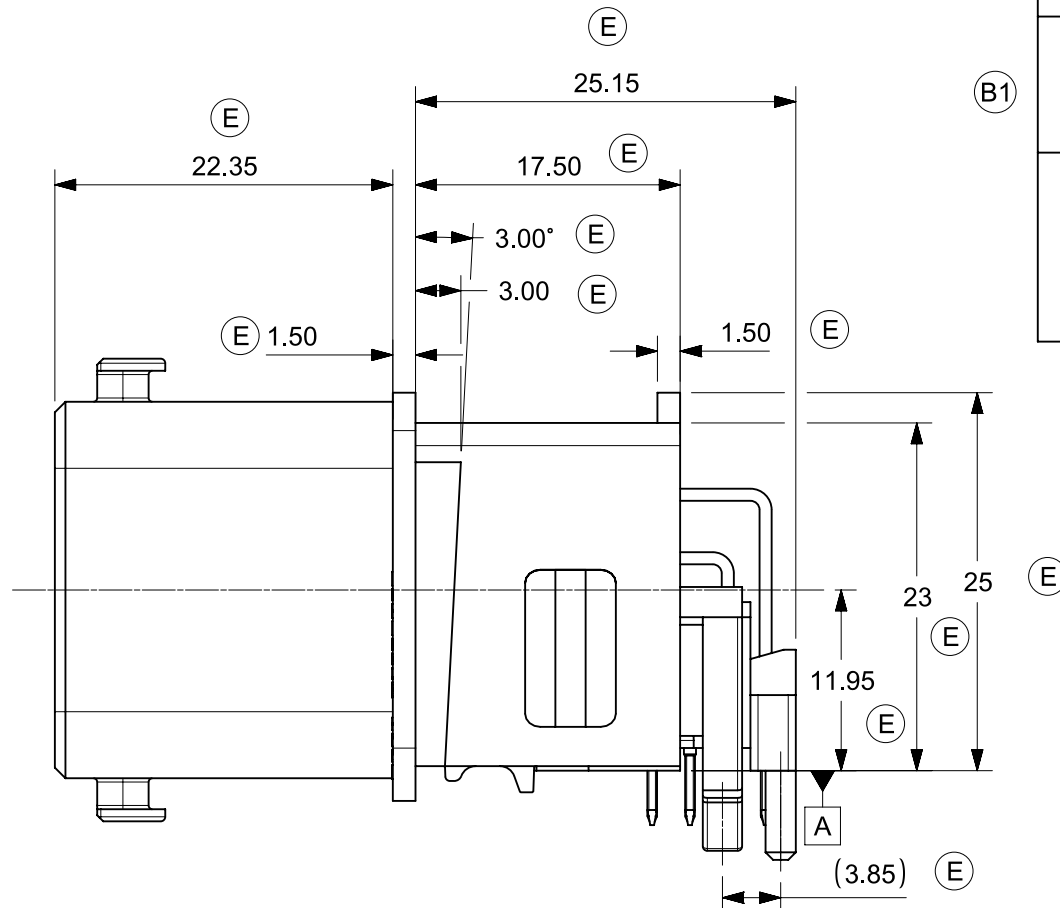
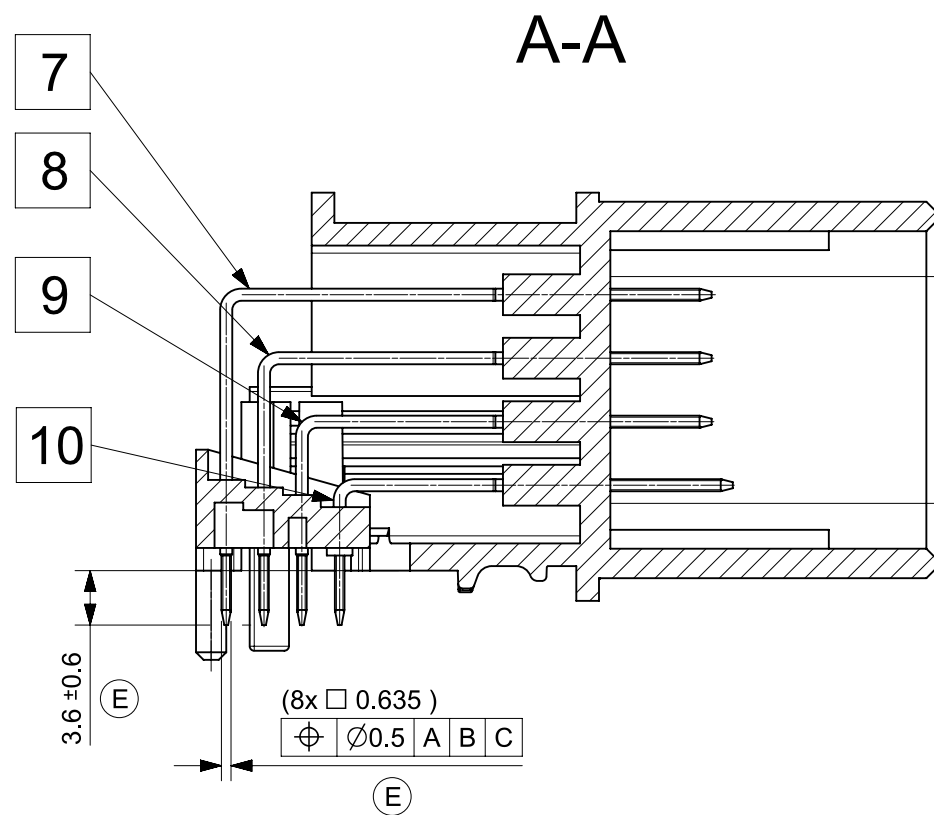
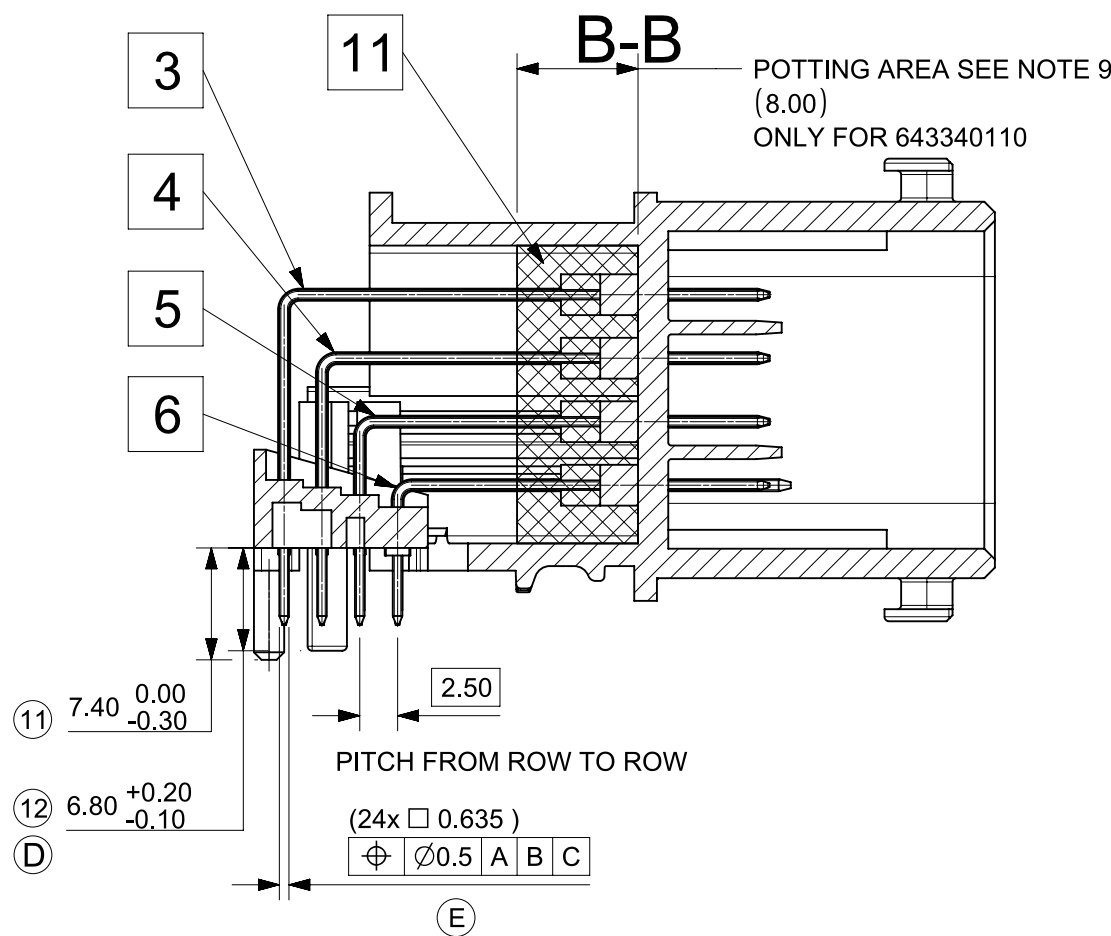
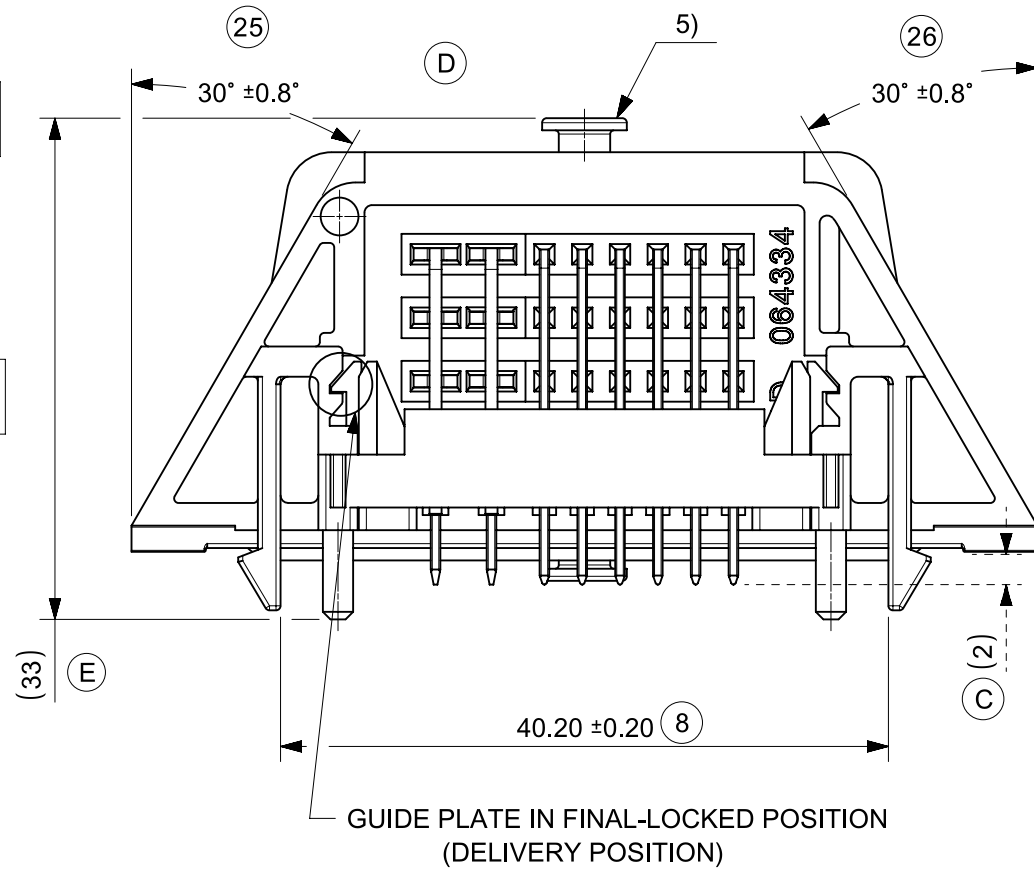
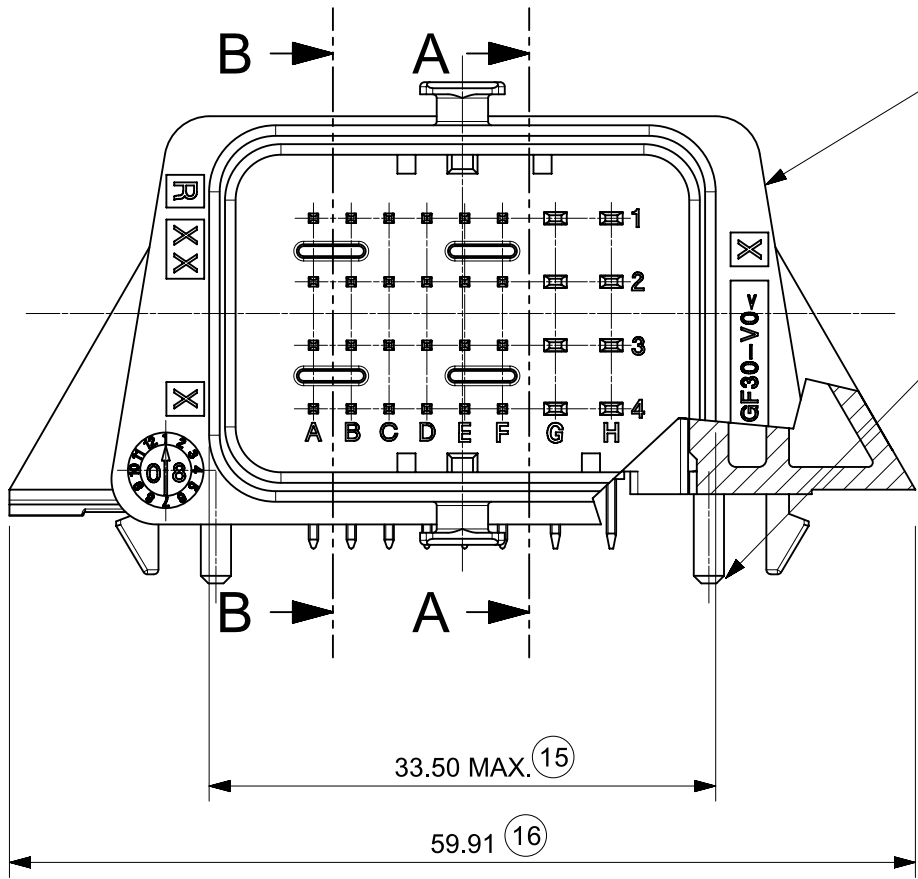




NOTES

1 - GENERAL TOLERANCE ACC. DIN 16901 GROUP 130

2 - SEALING AREA (NO BURR, SCRATCHES, CONTAMINATION, SHRINK DEPENDED WARPAGE AND TOOL SPLITTING LINES ALLOWED)

3 - MATERIAL MARKING
ADDITIONAL MARKING POSSIBLE
e.g.: - CAVITY NO.
- MATERIAL NO.
- VERSION NO.
- TRACEABILITY MARKING (INK-JET OR LASERMARKING (SPECIAL PLASTIC MATERIAL NEEDED))
- etc.

4 - TOOLING SPLITTING LINES FOR AIR VENT (2x)

(C) 5 - COLOUR CODING ON INTERFACE (BROWN AND BLUE)

(D) 6 - MARKING FOR HARNESS DIRECTION: APPLY THERMAL RIBBON

7 - MATES WITH CMC CONNECTOR 32CKT

MATERIAL NO's:

RIGHT WIRE OUTPUT BROWN CODING 643193219

RIGHT WIRE OUTPUT BLACK CODING 643193211

RIGHT WIRE OUTPUT BLUE CODING 643193216

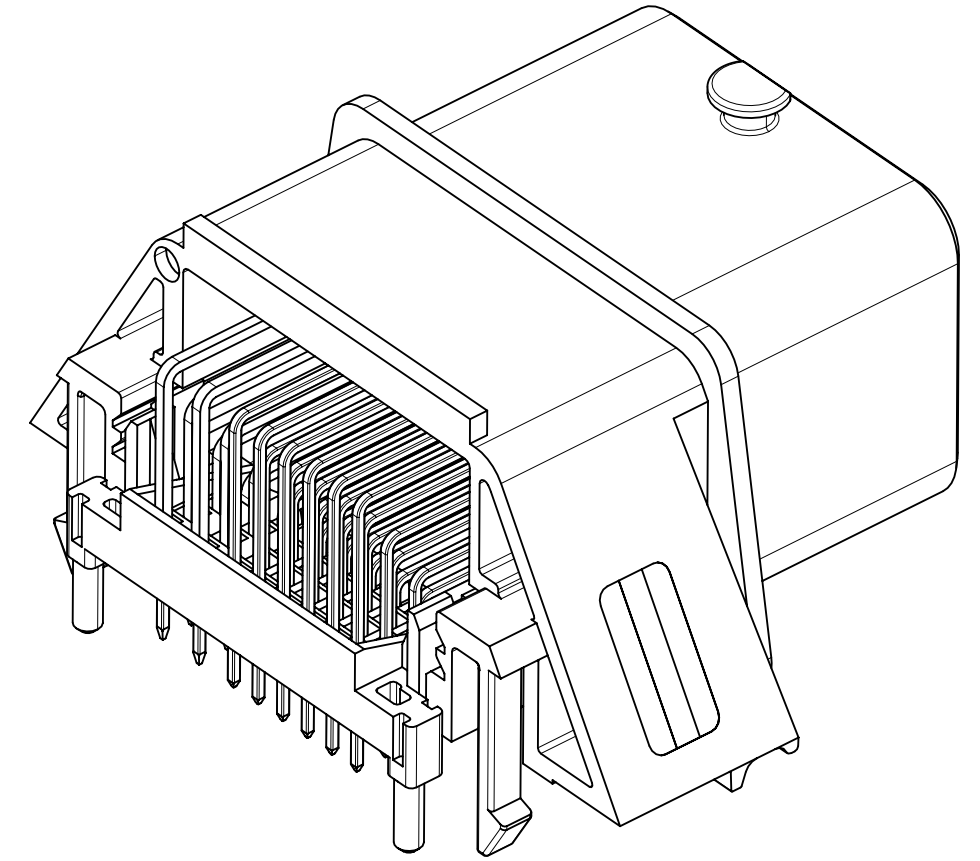
LEFT WIRE OUTPUT BROWN CODING 643191219

LEFT WIRE OUTPUT BLACK CODING 643191211

LEFT WIRE OUTPUT BLUE CODING 643191216

(C) 8 - THE PRODUCT INTERFACE INFORMATION SEE SD-98644-006

(F1) 9 - POTTING MATERIAL IS SILICONE,SEE BOM FOR GLUE TYPE.



3D-VIEW

TECHNICAL PERFORMANCE CHARACTERISTICS

LOCKING FEATURES RETENTION FORCE AVERAGE: >260N
THE LOWEST RETENTION FORCE VALUE >240N

PIN RETENTION AND TRACTION FORCES:

PIN	SIZE [mm]	RETENTION FORCES
PIN 0.635	0.635 x 0.635	≥ 30N
PIN 1.5	1.5 x 0.8	≥ 60N

SOLDERABILITY:
TESTING ACC. DIN IEC 60068-2-20 WITHOUT PRE-AGING

ALL FURTHER TECHNICAL PERFORMANCE CHARACTERISTICS
ARE SHOWN IN PRODUCTS AND TEST SPECIFICATION OF THE
RELEVANT FEMALE CONNECTORS: PS-64319-001

(D) INSPECTION BALLOON NUMBER LOG
PER DRAWING REVISION: C
LAST BALLOON NUMBER USED: 26
ADDED BALLOON NUMBER USED:
REMOVED BALLOON NUMBER: 4, 5, 10

BILL OF MATERIAL

11	GLUE	SIPC 9030	---	---	PIECE	1
10	Pin 1.5 Row 4	CuZn30	Ni 1.3-3.8µm	Sn 2-4µm	PIECE	2
9	Pin 1.5 Row 3				PIECE	2
8	Pin 1.5 Row 2				PIECE	2
7	Pin 1.5 Row 1				PIECE	2
6	Pin 0.64 Row 4		Ni 1.3-2.2µm		PIECE	6
5	Pin 0.64 Row 3				PIECE	6
4	Pin 0.64 Row 2				PIECE	6
3	Pin 0.64 Row 1				PIECE	6
2	GUIDE PLATE	PBT GF30-V0 BLK	---	---	PIECE	1
1	HOUSING	PBT GF30-V0 BLK	---	---	PIECE	1
ITEM	DESCRIPTION	RAW MATERIAL	BARRIER (OVERALL)	FINISH (OVERALL)	UNIT	AMOUNT
PLATING [µm]						

DOCUMENT STATUS Production RELEASE DATE 24-Apr-2026

TOOLED PART LIST

DESCRIPTION	MOLEX PART NUMBER	CODING COLOR	WEIGHT MEASURED	POTTING
(F1) CMC HDR ASSY 32CKT	0643340100	BLACK	28.3g	NO
	0643340110	BLACK	32.6g	YES
	0643340300	BROWN		NO
	0643340500	BLUE		NO

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC: UPDATE POTTING VOLUME		DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
DIMENSION UNITS		SCALE		A2-SIZE		64334		SEE TABLE		GENERAL MARKET	
MM		2:1		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES	
EC NO: CO-000039118		DRWN: Yu Dong Zhang		15-Apr-2026		CHK'D: Fan Bai		24-Apr-2026		APPR: Ringo Hu	
INITIAL REVISION:		DRWN: RFC_PLMIMP		27-Mar-2026		APPR: Elvis Song		SD-64334-100		PSD	
MATERIAL NUMBER		CUSTOMER		SHEET NUMBER		1 OF 2		005		F1	

