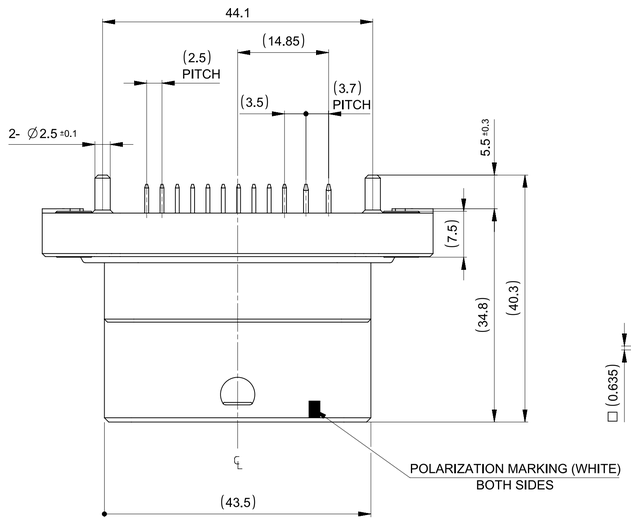
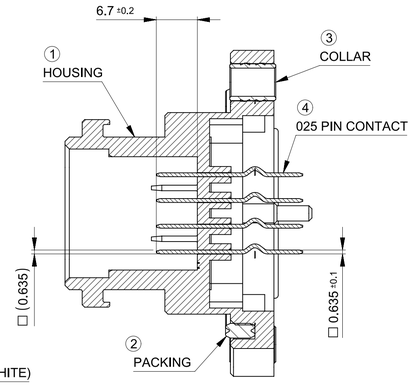
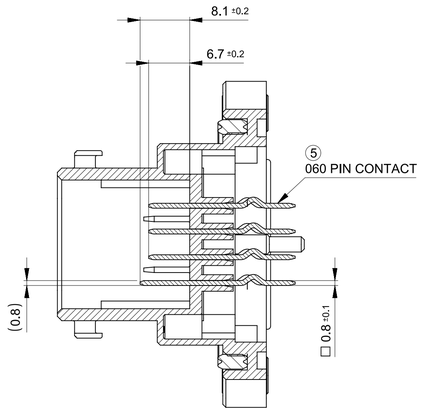
CONFIDENTIAL

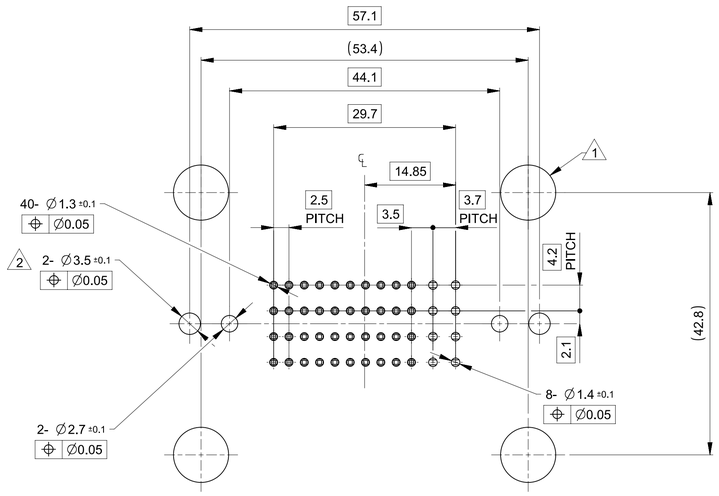




SECTION Z-Z

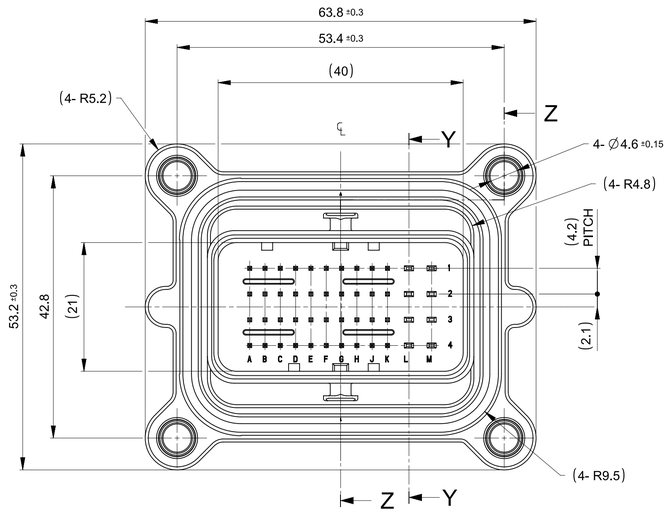


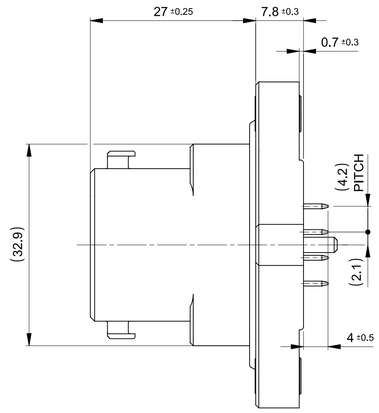
SECTION Y-Y

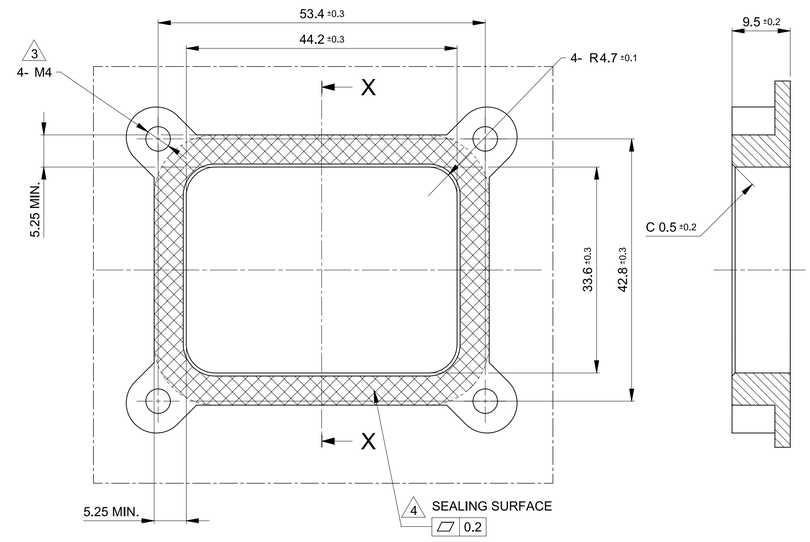


RECOMMENDED PCB LAYOUT (CONNECTOR MOUNTED SIDE)

1. PCB hole size for connector mounting to be decided by the layout and used screw.
2. 3X6 of tapping screw to be used when mounting on PCB. Tightening torque to be decided by conference.



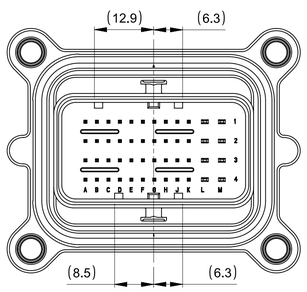


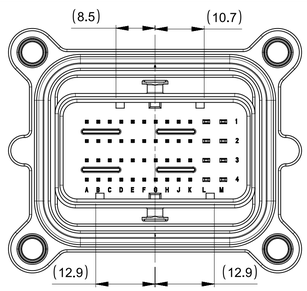


RECOMMENDED COVER LAYOUT

3. M4 screw to be used when mounting connector, and to set the length so that more than 5 threads are effective. Tightening torque to be 1.5N· m±20%
4. Surface roughness to be Ra3.2

PN: 5600834801 CODING: BLACK		PN: 5600834803 CODING: BROWN





PART NAME	MATERIAL	PLATING
⑤ CONTACT 060	COPPER ALLOY	Sn PLATING (UNDER Ni PLATING)
④ CONTACT 025	COPPER ALLOY	Sn PLATING (UNDER Ni PLATING)
③ COLLAR	COPPER ALLOY	---
② PACKING	SILICONE RUBBER	---
① HOUSING	PBT G.F.30 (BLACK)	---

NOTES

1. APPLICABLE MATING CONNECTOR:
   64320-1311 / -3311 (BLACK)
   64320-1319 / -3319 (BROWN)
2. APPLICABLE PRODUCT SPECIFICATION:
   PS-64319-001
3. GENERAL TOLERANCE
   10 UNDER : ±0.2
   10 OVER 30 UNDER : ±0.25
   30 OVER : ±0.3
   ANGULAR : ±1°

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DIMENSION UNITS	SCALE
MM	2:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	± 1°
4 PLACES	±
3 PLACES	± 0.2000
2 PLACES	± 0.250
1 PLACE	± 0.30
0 PLACES	±

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: ADD NEW CODING BROWN

STATUS: Design Approved
DRWN: Winnie Fan 2023-07-06
CHK'D: Youngjun Choi 2024-01-10
APPR: Colin Zhang 2024-01-26

THIRD ANGLE PROJECTION | DRAWING: A1-SIZE | SERIES: 560083

molex

CMC HEADER 48WAY
VERTICAL TYPE

PRODUCT SALES DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-560083-001	PSD	001	C1

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE	GENERAL MARKET	1 OF 1