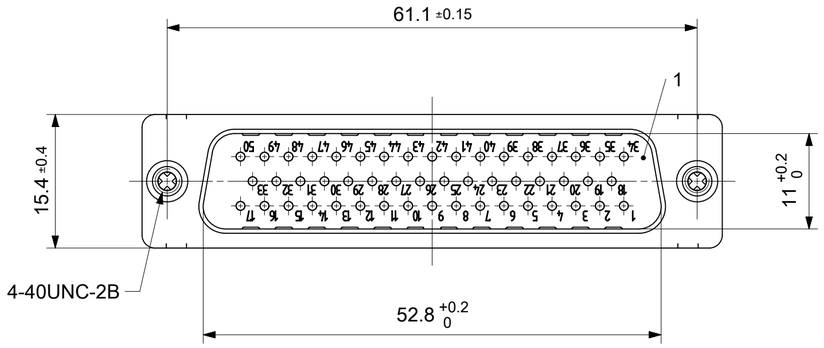
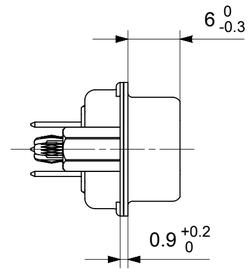
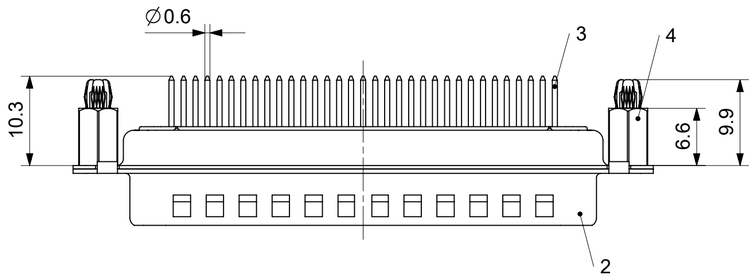
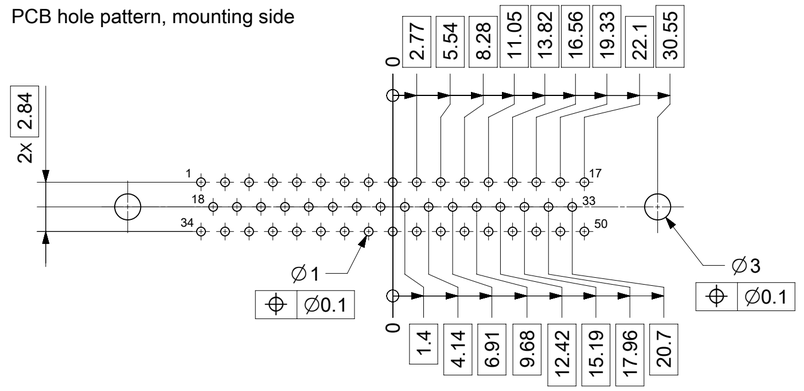
RoHS compliant
by exemption

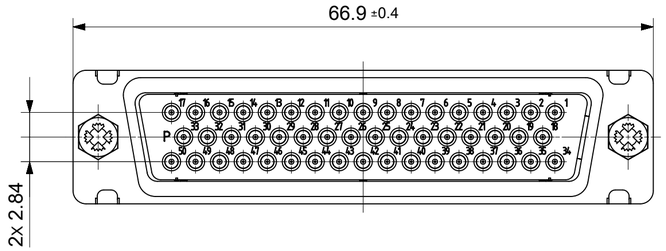






PCB hole pattern, mounting side





FCT Part number:

F50P1y-0982

e.g. F50P1G1-0982

y for performance classes 1, 2 or 3
(contact cycle for G1/G2/G3 = 500/200/50)

Material Number	y
1731090077	G1
1731090150	G2

No.	Pc.	Part	Type Description / Material	Surface plating / Color / Class
4	2	Snap-in bolt	PCB 1.6mm / Brass	tin plated
3	50	Signal contact	P1 / Brass	G1 / G2
2	1	Shell	Steel	tin plated
1	1	Insulator	PBT (-55°C to +125°C) acc. UL94V-0	white

MEASUREMENTS WITHOUT TOLERANCE ACC TO ISO 2768-m

REPLACEMENT FOR DOCUMENT NUMBER: F50P1Gy-0982

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

FUNCTIONAL SYMBOLS
EA = 0
EC = 0
EP = 0

DIVISIONAL SYMBOLS

DIMENSION UNITS: mm
SCALE: 2:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	± °
4 PLACES	±
3 PLACES	±
2 PLACES	±
1 PLACE	±
0 PLACES	±

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 708549
DRWN: SUGEEB 2022/01/10
CHK'D: MTEUBEL 2022/05/30
APPR: MTEUBEL 2022/05/30

INITIAL REVISION:
DRWN: SUGEEB 2022/01/10
APPR: MTEUBEL 2022/05/30

molex

FCT D-SUB MINIATURE CONNECTOR

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
1731090077	PSD	000	A

FIRST ANGLE PROJECTION | DRAWING: A2-SIZE | SERIES: 173109 | MATERIAL NUMBER: SEE TABLE | CUSTOMER: GENERAL MARKET | SHEET NUMBER: 1 OF 1

DOCUMENT STATUS	P1	RELEASE DATE	2022/05/30 15:05:07

FORMAT: 173109_Mold-A2
REVISION: A
DATE: 2021/06/14