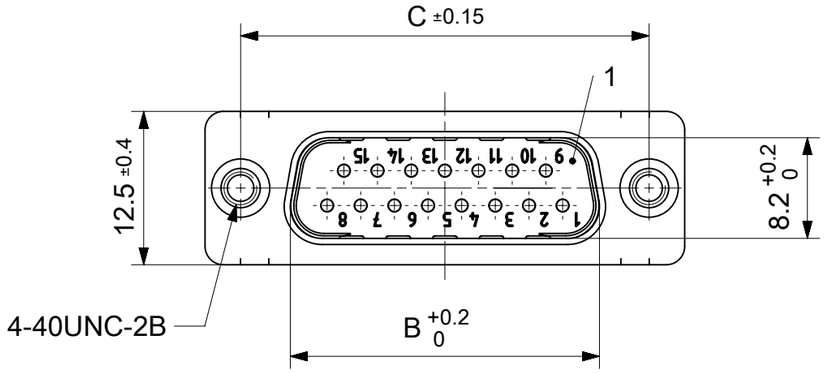
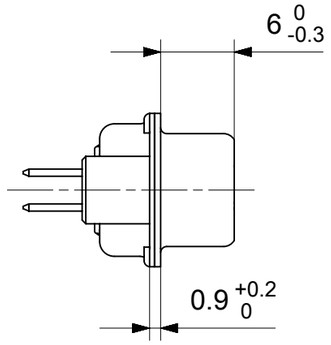
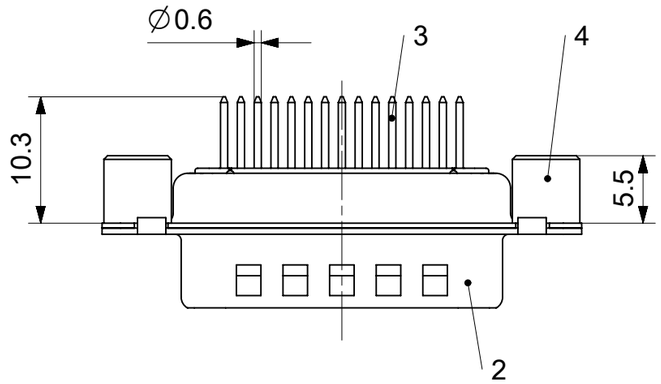
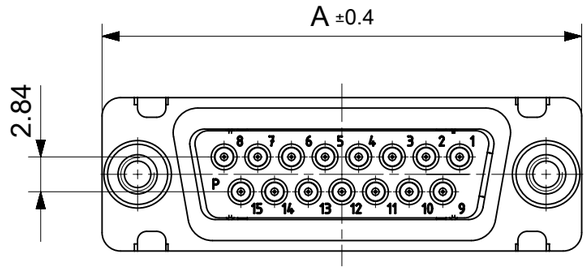
RoHS compliant
by exemption









FCT Part number:

Fxx*1)P1y*2)-1599

e.g. F15P1G1-1599

*1) xx No. of contacts 09, 15, 25 or 37

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

Material Number	xx*1)	y*2)	A[mm]	B[mm]	C[mm]	*E[mm]
1731091989	09	G1	30.8	16.9	25	∅1
1731090856		G2				
1731090857	15	G2	39.1	25.2	33.3	
-	25	-	53	38.9	47.04	
-	37	-	69.3	55.3	63.5	

*PCB hole patterns ∅E see document 2195600023

4	2	Threaded spacer	4-40 / Steel	tin plated
3	xx	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
No.	Pc.	Part	Type Description/Material	Surface plating/ Color/Class

MEASUREMENTS WITHOUT TOLERANCE ACC TO ISO 2768-m

REPLACEMENT FOR DOCUMENT NUMBER: FxxP1Gy-1599

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

FUNCTIONAL SYMBOLS
FA = 0
FC = 0
FP = 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: 706086
DRWN: SKANDB 2021/11/25
CHK'D: MTEUBEL 2022/05/11
APPR: MTEUBEL 2022/05/11

INITIAL REVISION:
DRWN: SKANDB 2021/11/25
APPR: MTEUBEL 2022/05/11

FIRST ANGLE PROJECTION

DRAWING: A3-SIZE
SERIES: 173109

molex

FCT D-SUB MINIATURE CONNECTOR

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
1731091989	PSD	000	A

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

DOCUMENT STATUS	P1	RELEASE DATE	2022/05/11 11:11:41

FORMAT: master3D_v2-A3
REVISION: J1
DATE: 2021/05/05