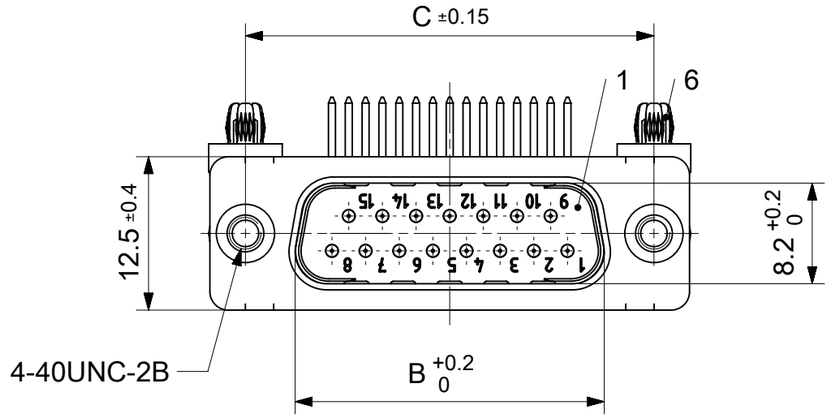
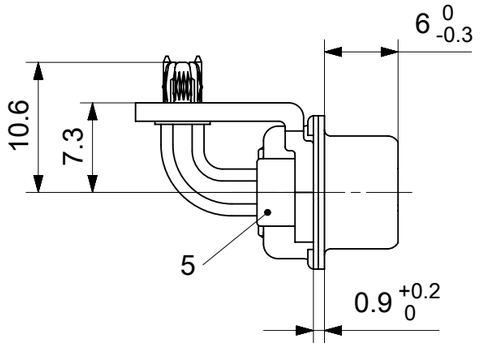
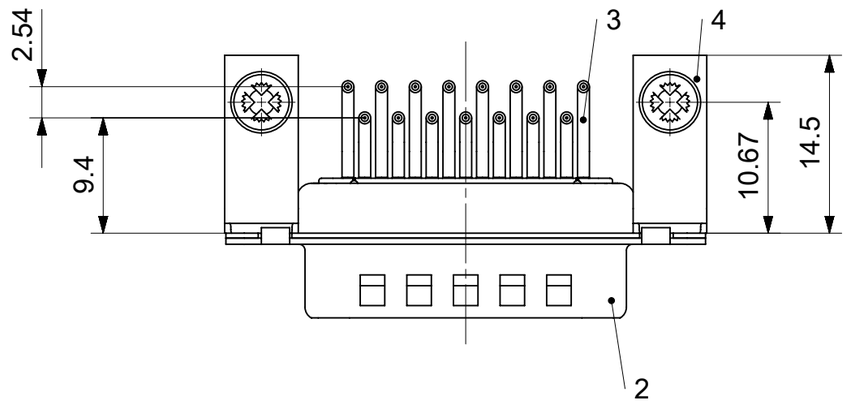
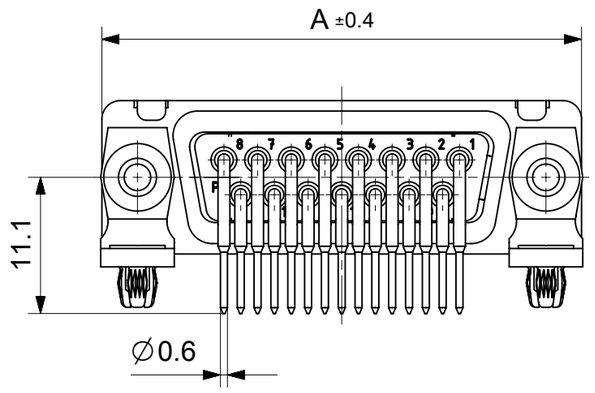
RoHS compliant
by exemption









FCT Part number:

Fxx*1)P5y*2)-1002

e.g. F15P5G1-1002

*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]	*F [mm]	*G [mm]	*H [mm]	*J [mm]
1731090166	09	G1	30.8	16.9	25	∅1	∅3	10.67	9.4	2.54
1731090176		G2								
1731090167	15	G1	39.1	25.2	33.3					
1731090177		G2								
1731090168	25	G1	53	38.9	47.04					
1731090178		G2								
1731090169	37	G1	69.3	55.3	63.5					
1731090179		G2								

*PCB hole patterns ∅E, ∅F, G, H, J see document 2195600024

No.	Pc.	Part	Type Description/Material	Surface plating/ Color/Class
6	2	Snap-in rivet	PCB 1.6mm / Brass	tin plated
5	2	Clinch nut	MW 4-40 / Steel	tin plated
4	2	Bracket	F1080-13B / Steel	tin plated
3	xx	Signal contact	P5 / 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: FxxP5Gy-1002

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
FD = 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: 714712
DRWN: SKANDB 2022/02/07
CHK'D: MTEUBEL 2022/07/22
APPR: MTEUBEL 2022/07/22

INITIAL REVISION:
DRWN: SKANDB 2022/02/07
APPR: MTEUBEL 2022/07/22

FIRST ANGLE PROJECTION
DRAWING: A3-SIZE
SERIES: 173109

molex

FCT D-SUB MINIATURE CONNECTOR

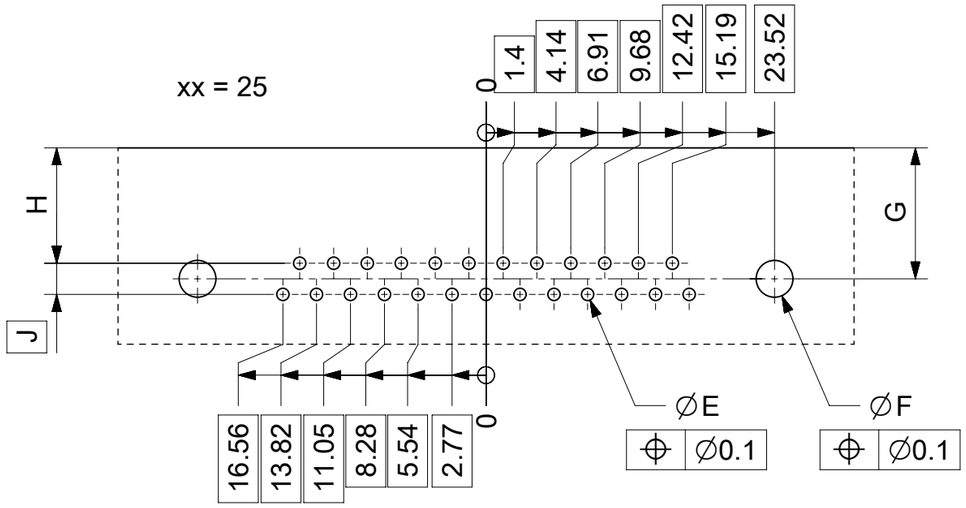
PRODUCT CUSTOMER DRAWING

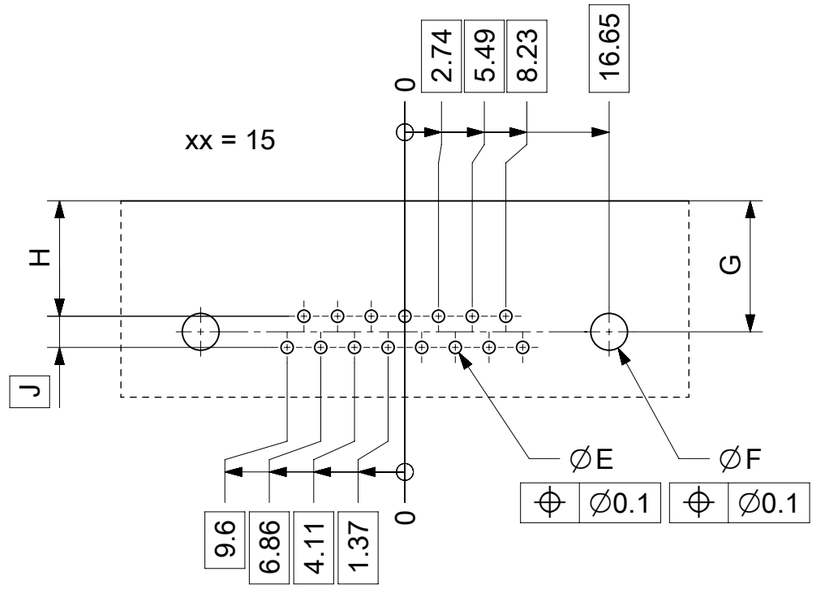
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1731090166	PSD	000	A

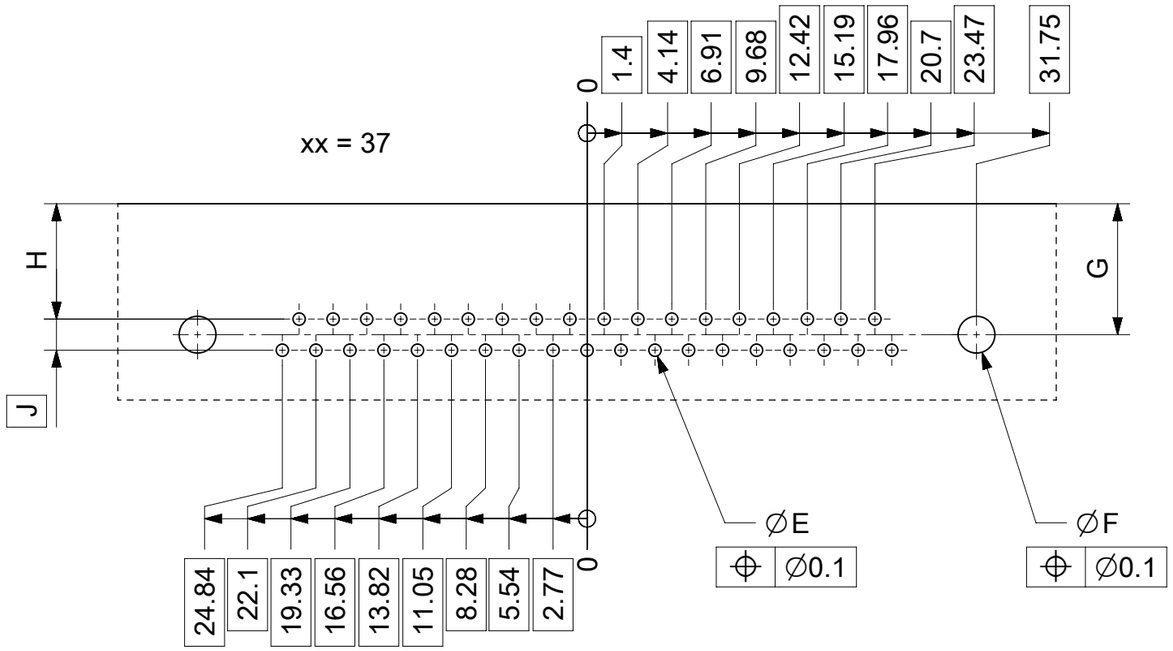
MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE	GENERAL MARKET	1 OF 1

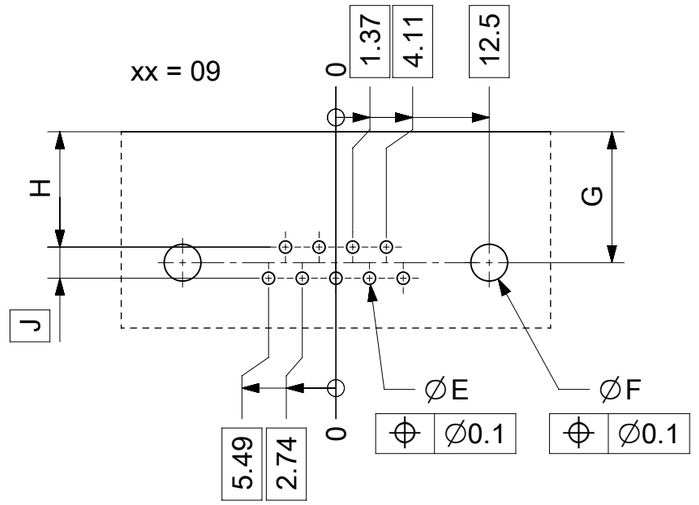
DOCUMENT STATUS	P1	RELEASE DATE	2022/07/22 10:01:59

FORMAT: master_Sheet-A3
REVISION: J1
DATE: 2021/05/07









øE, øF, G, H, J see data sheet incl. connector
øF, G connectors with accessories only

MEASUREMENTS WITHOUT TOLERANCE ACC TO ISO 2768-m				REPLACEMENT FOR DOCUMENT NUMBER: AM0024	
FUNCTIONAL SYMBOLS: FA = 0, FC = 0, FD = 0	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
DIVISIONAL SYMBOLS	DIMENSION UNITS: mm	SCALE: 2:1	CURRENT REV DESC:	molex	
	GENERAL TOLERANCES (UNLESS SPECIFIED)			FCT PCB HOLE PATTERN RIGHT ANGL. CONTACT NO. OF CONTACTS 09-37	
	ANGULAR TOL ± °		EC NO: 713905		
	4 PLACES ±		DRWN: SKANDB 2022/05/16	PRODUCT CUSTOMER DRAWING	
	3 PLACES ±		CHK'D: MTEUBEL 2022/07/12	DOCUMENT NUMBER: 2195600024	DOC TYPE: PSD / DOC PART: 000 / REVISION: A
	2 PLACES ±		APPR: MTEUBEL 2022/07/12		
	1 PLACE ±		INITIAL REVISION:		
	0 PLACES ±		DRWN: SKANDB 2022/05/16		
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPR: MTEUBEL 2022/07/12		
			FIRST ANGLE PROJECTION / DRAWING: A3-SIZE / SERIES: 219560	MATERIAL NUMBER: 219560 / CUSTOMER: GENERAL MARKET / SHEET NUMBER: 1 OF 1	

DOCUMENT STATUS	P1	RELEASE DATE	2022/07/12 08:25:55

FORMAT: master_Portrait-A3
REVISION: J1
DATE: 2021/05/07