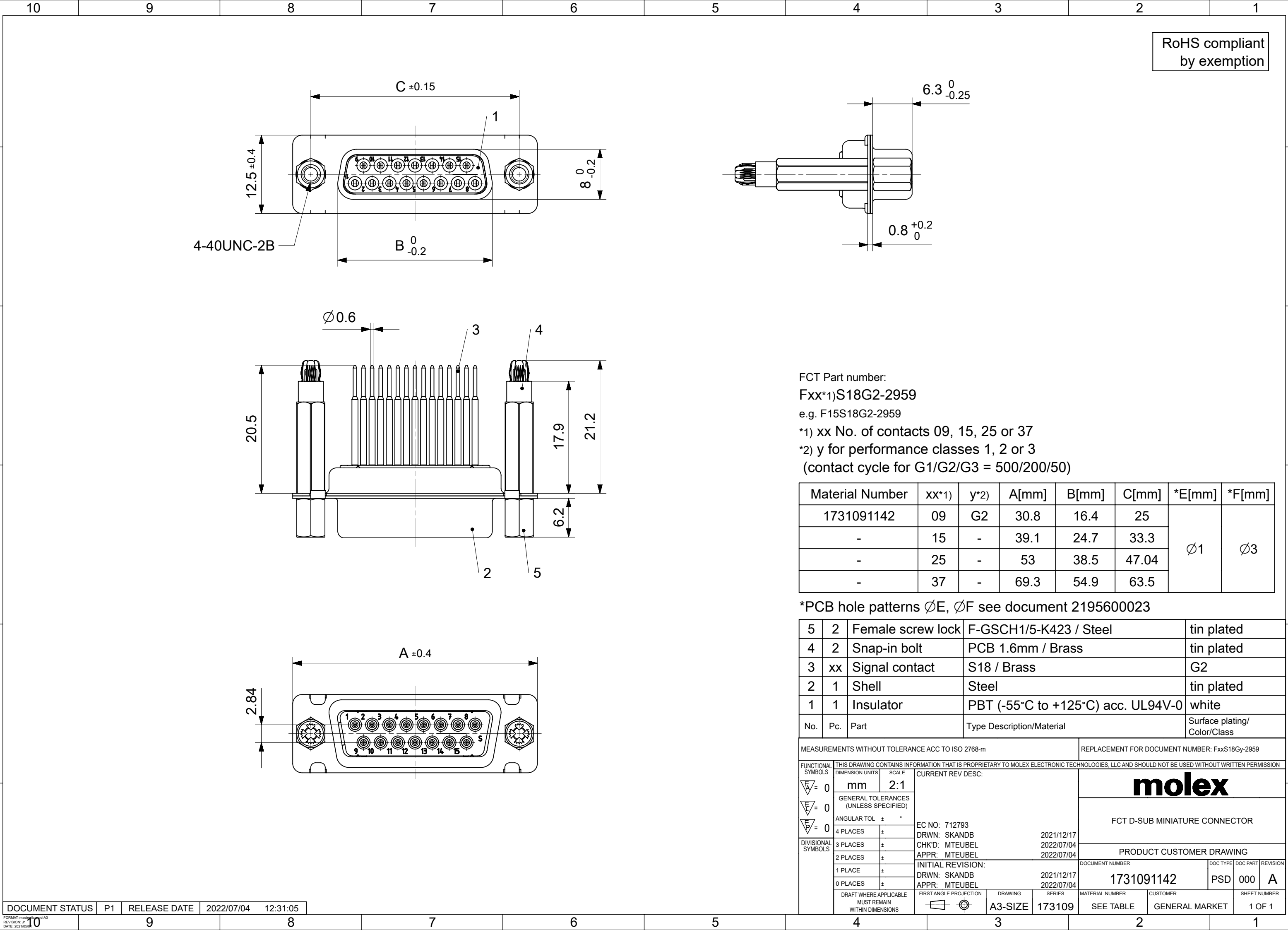




RoHS compliant
by exemption

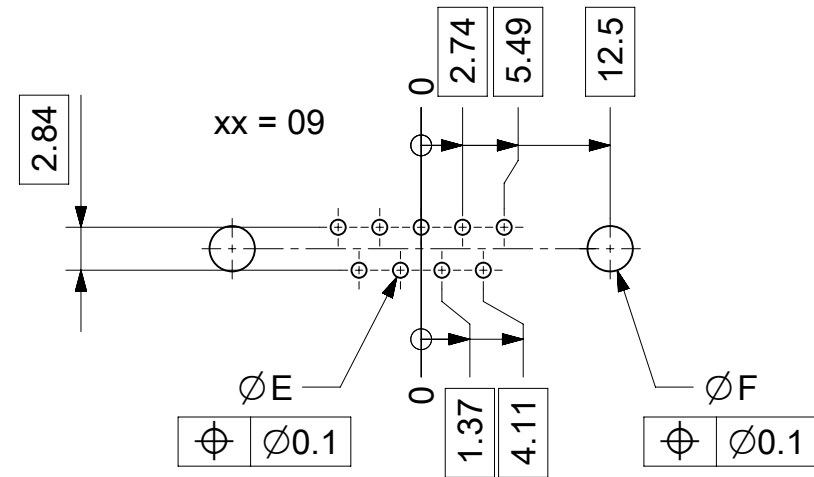
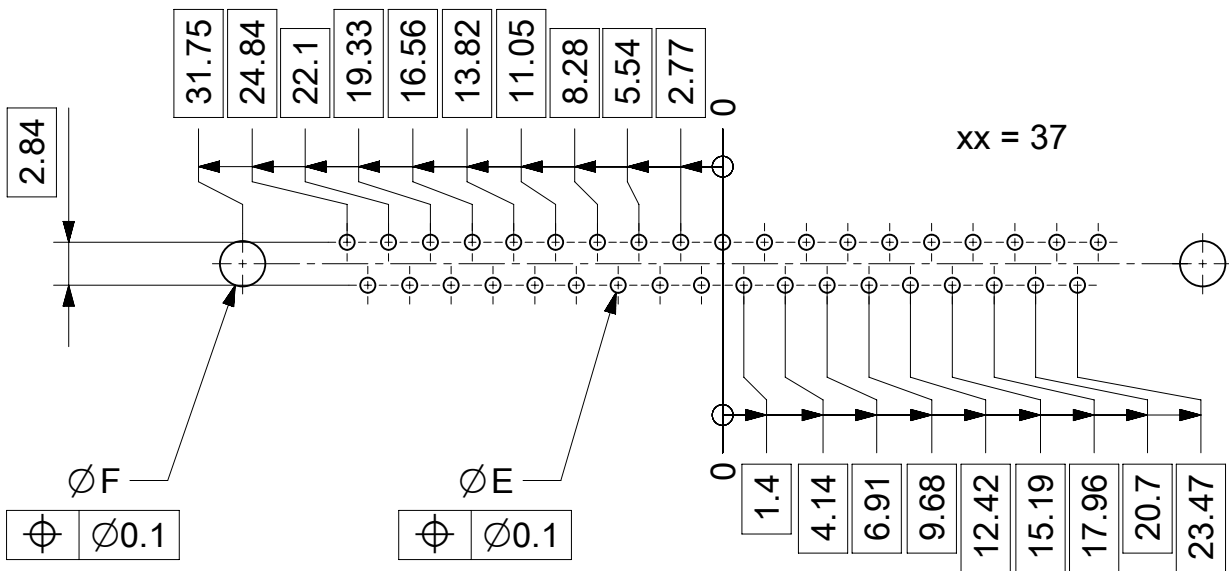
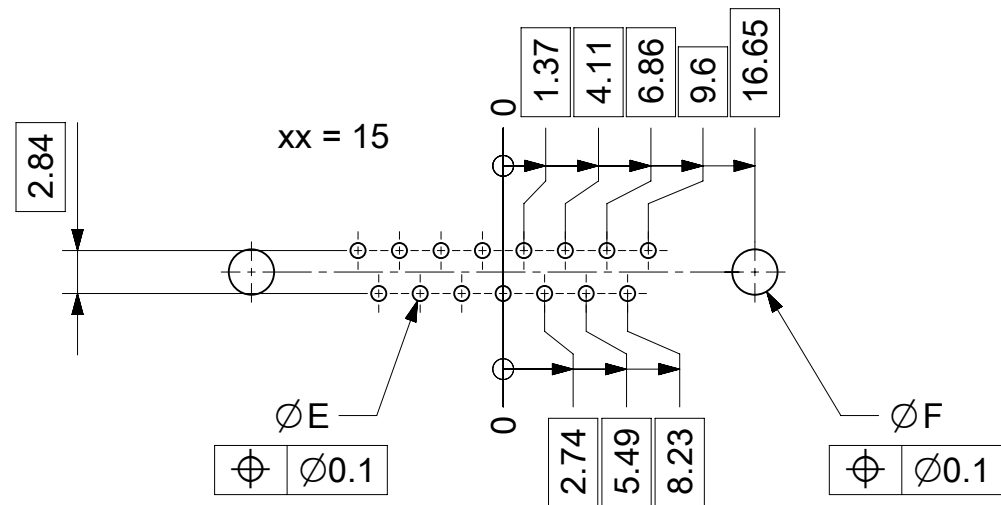
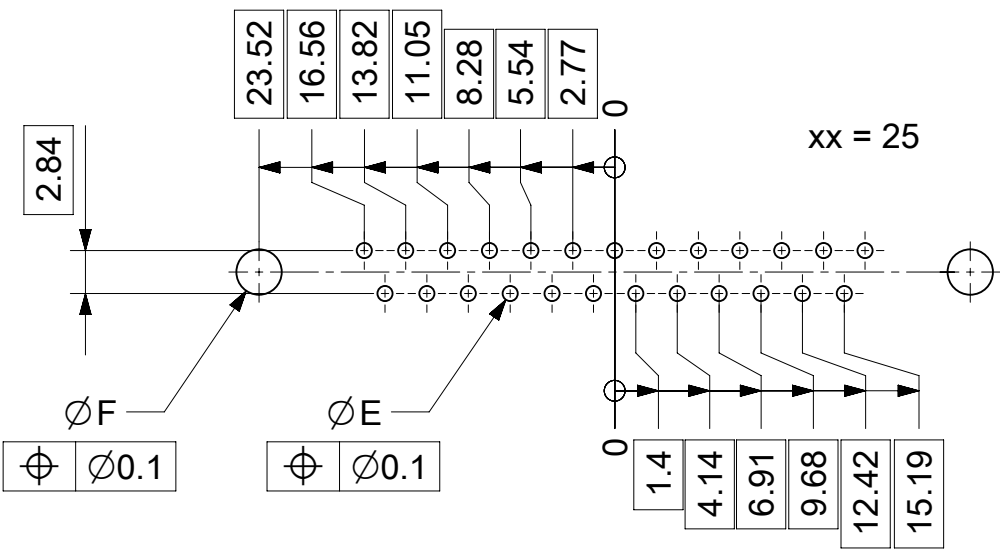
FCT Part number:
Fxx*1)S18G2-2959
e.g. F15S18G2-2959
*1) xx No. of contacts 09, 15, 25 or 37
*2) y for performance classes 1, 2 or 3
(contact cycle for G1/G2/G3 = 500/200/50)

Material Number	xx*1)	y*2)	A[mm]	B[mm]	C[mm]	*E[mm]	*F[mm]
1731091142	09	G2	30.8	16.4	25	Ø1	Ø3
-	15	-	39.1	24.7	33.3		
-	25	-	53	38.5	47.04		
-	37	-	69.3	54.9	63.5		

*PCB hole patterns ØE, ØF see document 2195600023

5	2	Female screw lock	F-GSCH1/5-K423 / Steel	tin plated
4	2	Snap-in bolt	PCB 1.6mm / Brass	tin plated
3	xx	Signal contact	S18 / Brass	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: FxxS18Gy-2959									
FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC:		molex FCT D-SUB MINIATURE CONNECTOR									
	GENERAL TOLERANCES (UNLESS SPECIFIED)				PRODUCT CUSTOMER DRAWING									
ANGULAR TOL. ± °														
4 PLACES ±		DOCUMENT NUMBER 1731091142 DOC TYPE DOC PART REV PSD 000 A												
3 PLACES ±							INITIAL REVISION: DRWN: SKANDB 2021/12/17 APPR: MTEUBEL 2022/07/04							
2 PLACES ±														
1 PLACE ±														
0 PLACES ±														
DIVISIONAL SYMBOLS	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		FIRST ANGLE PROJECTION		DRAWING A3-SIZE		SERIES 173109		MATERIAL NUMBER SEE TABLE		CUSTOMER GENERAL MARKET		SHEET NUMBER 1 OF 1	



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

MEASUREMENTS WITHOUT TOLERANCE ACC TO ISO 2768-m					REPLACEMENT FOR DOCUMENT NUMBER: AM0023												
FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				molex FCT PCB HOLE PATTERN STRAIGHT CONTACT NO. OF CONTACTS 09-37												
	DIMENSION UNITS		SCALE							CURRENT REV DESC:							
	mm		2:1														
	F_A = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 713905 DRWN: SKANDB CHK'D: MTEUBEL APPR: MTEUBEL											
F_E = 0																	
F_P = 0	ANGULAR TOL ± °				2022/05/16												
DIVISIONAL SYMBOLS	4 PLACES		±		2022/07/12												
	3 PLACES		±		2022/07/12												
	2 PLACES		±		2022/07/12												
	1 PLACE		±		PRODUCT CUSTOMER DRAWING												
	0 PLACES		±														
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				FIRST ANGLE PROJECTION		DRAWING		SERIES		DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
						A3-SIZE		219560		219560		PSD		000		A	
										2195600023							
										GENERAL MARKET						1 OF 1	