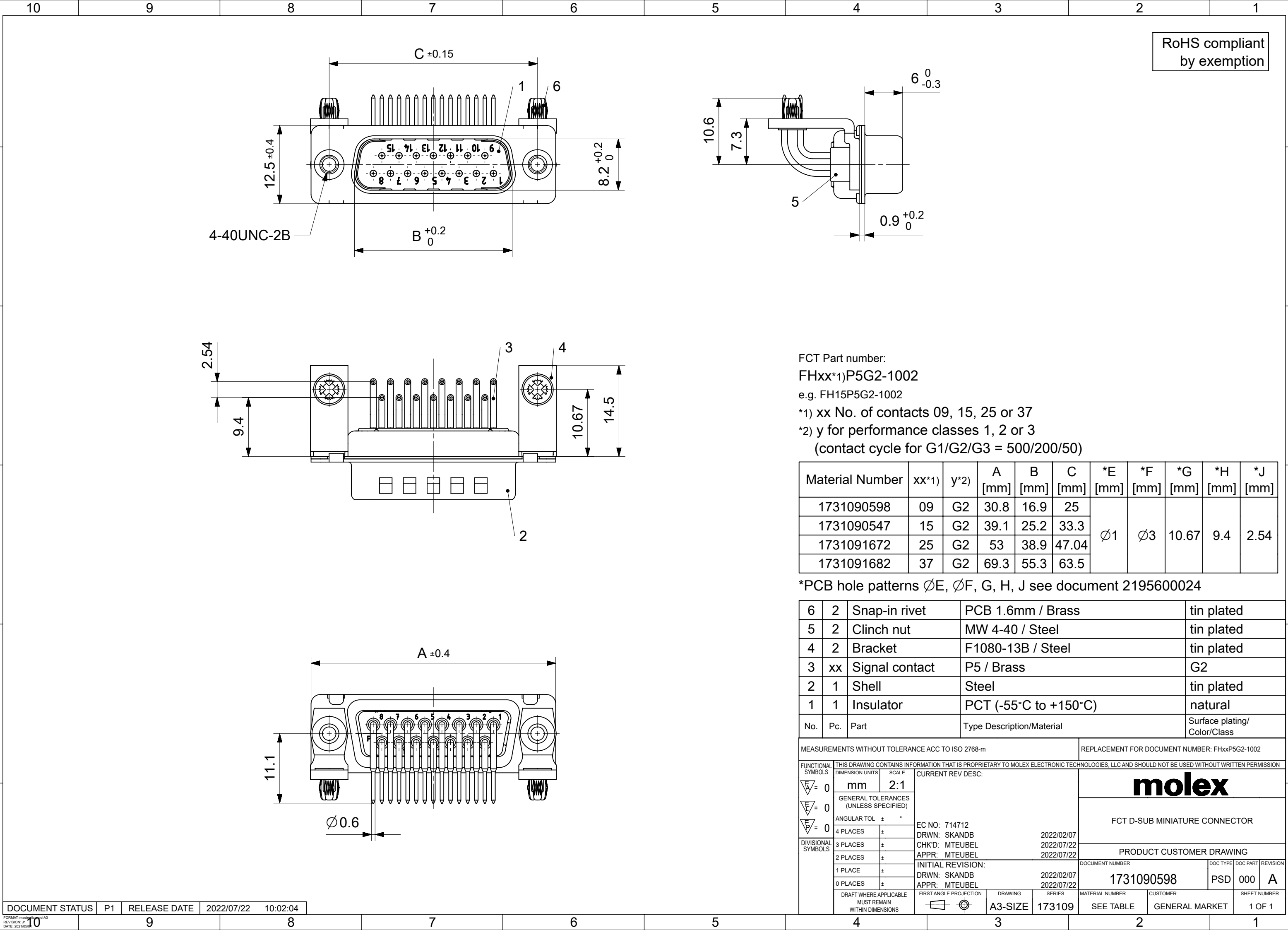




RoHS compliant
by exemption

FCT Part number:

FHxx*1)P5G2-1002

e.g. FH15P5G2-1002

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

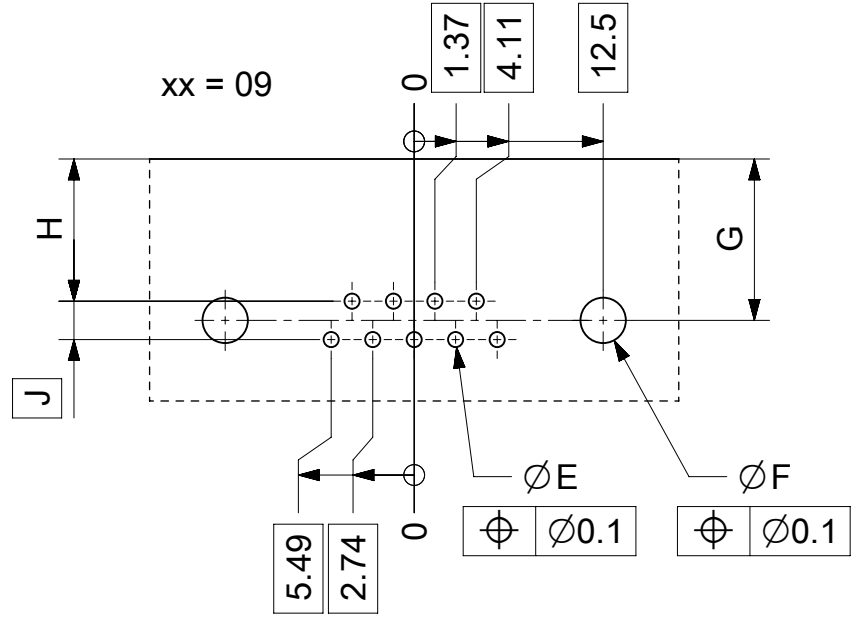
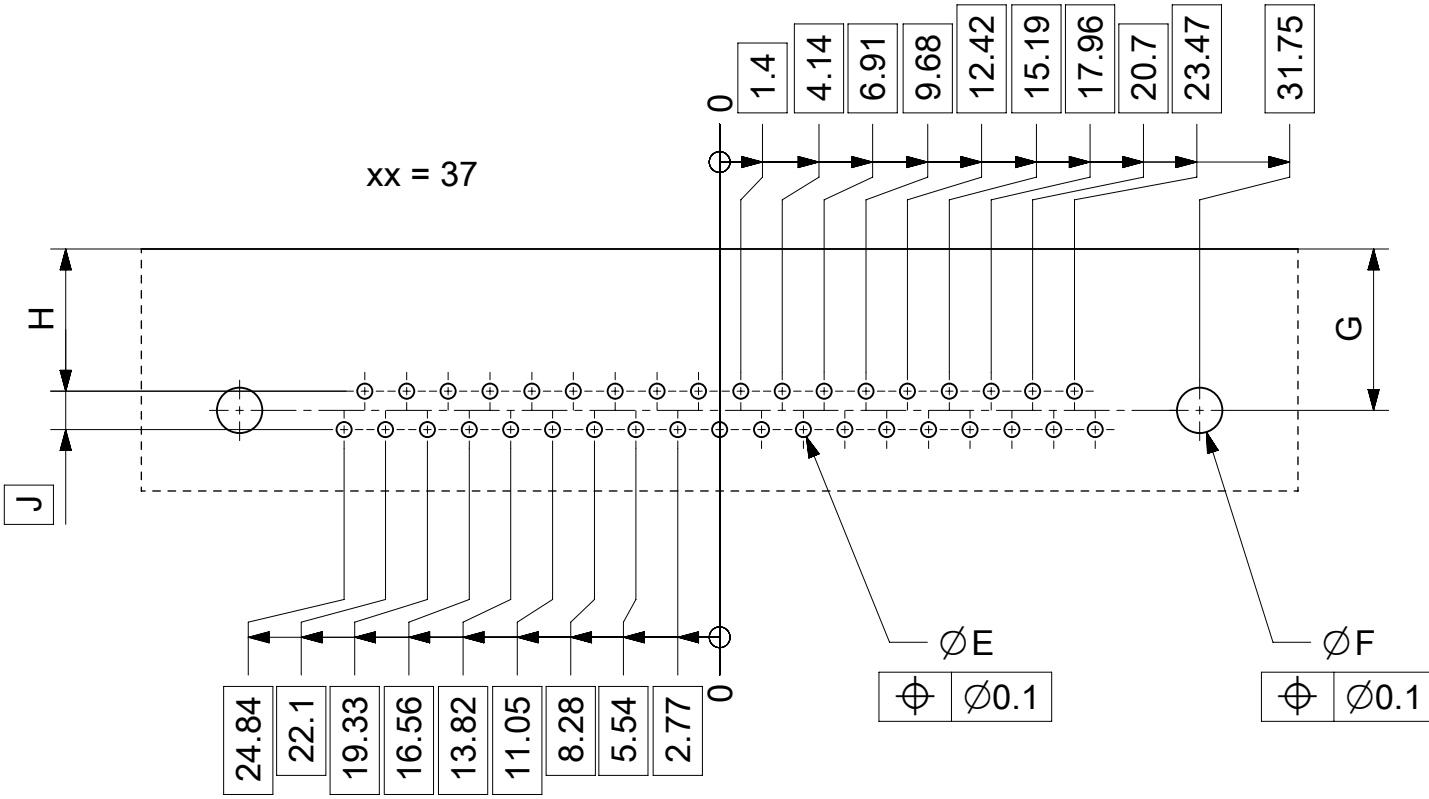
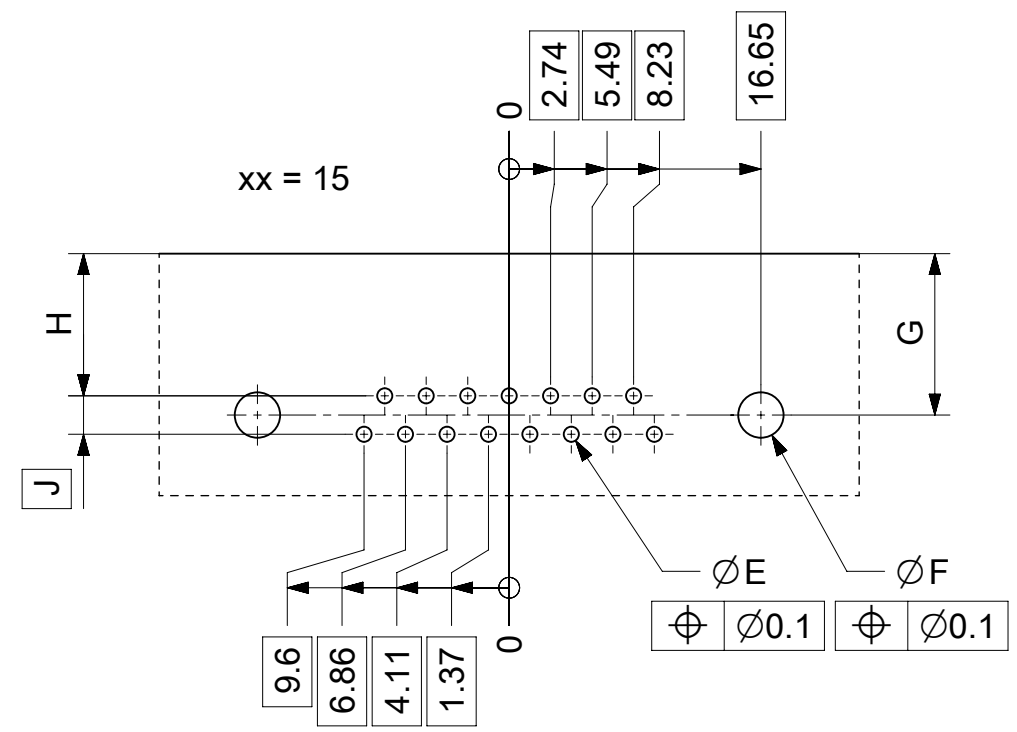
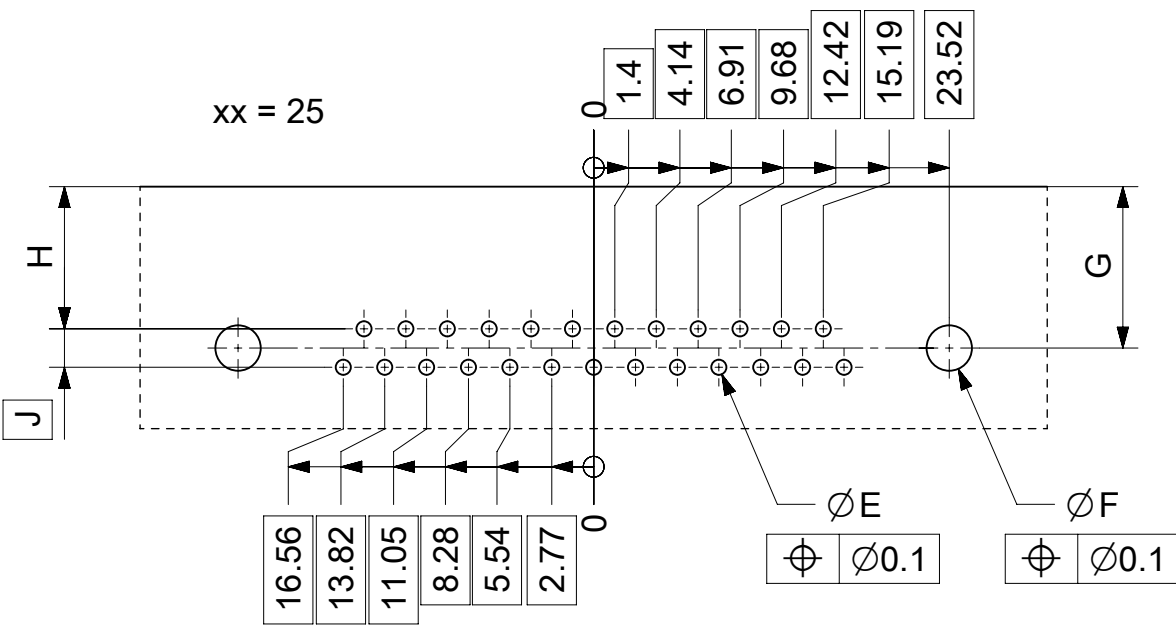
*2) y for performance classes 1, 2 or 3
(contact cycle for G1/G2/G3 = 500/200/50)

Material Number	xx*1)	y*2)	A [mm]	B [mm]	C [mm]	*E [mm]	*F [mm]	*G [mm]	*H [mm]	*J [mm]
1731090598	09	G2	30.8	16.9	25	Ø1	Ø3	10.67	9.4	2.54
1731090547	15	G2	39.1	25.2	33.3					
1731091672	25	G2	53	38.9	47.04					
1731091682	37	G2	69.3	55.3	63.5					

*PCB hole patterns ØE, ØF, G, H, J see document 2195600024

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	G2
2	1	Shell	Steel	tin plated
1	1	Insulator	PCT (-55°C to +150°C)	natural
No.	Pc.	Part	Type Description/Material	Surface plating/ Color/Class

MEASUREMENTS WITHOUT TOLERANCE ACC TO ISO 2768-m					REPLACEMENT FOR DOCUMENT NUMBER: FHxxP5G2-1002												
FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																
	DIMENSION UNITS		SCALE		CURRENT REV DESC:			molex									
	mm		2:1														
	F _A = 0		GENERAL TOLERANCES (UNLESS SPECIFIED)			FCT D-SUB MINIATURE CONNECTOR											
F _E = 0																	
F _B = 0																	
DIVISIONAL SYMBOLS	ANGULAR TOL		± °		EC NO: 714712 DRWN: SKANDB 2022/02/07 CHK'D: MTEUBEL 2022/07/22 APPR: MTEUBEL 2022/07/22			PRODUCT CUSTOMER DRAWING									
	4 PLACES		±														
	3 PLACES		±														
	2 PLACES		±														
	1 PLACE		±														
	0 PLACES		±		DOCUMENT NUMBER			DOC TYPE	DOC PART	REVISION							
				INITIAL REVISION:			1731090598			PSD	000	A					
				DRWN: SKANDB 2022/02/07 APPR: MTEUBEL 2022/07/22													
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		FIRST ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
								A3-SIZE		173109		SEE TABLE		GENERAL MARKET		1 OF 1	



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 FE = 0 FP = 0 DIVISIONAL 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 RIGHT ANGL. CONTACT NO. OF CONTACTS 09-37 PRODUCT CUSTOMER DRAWING								
	CURRENT REV DESC:										
	EC NO: 713905 DRWN: SKANDB CHK'D: MTEUBEL APPR: MTEUBEL										
	INITIAL REVISION: DRWN: SKANDB APPR: MTEUBEL										
	DIMENSION UNITS mm		SCALE 2:1		DOCUMENT NUMBER 2195600024		DOC TYPE PSD		DOC PART 000		REVISION A
GENERAL TOLERANCES (UNLESS SPECIFIED)		ANGULAR TOL ± °		MATERIAL NUMBER 219560		CUSTOMER GENERAL MARKET		SHEET NUMBER 1 OF 1			
4 PLACES ±		3 PLACES ±		2 PLACES ±		1 PLACE ±		0 PLACES ±			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		FIRST ANGLE PROJECTION		DRAWING A3-SIZE		SERIES 219560					