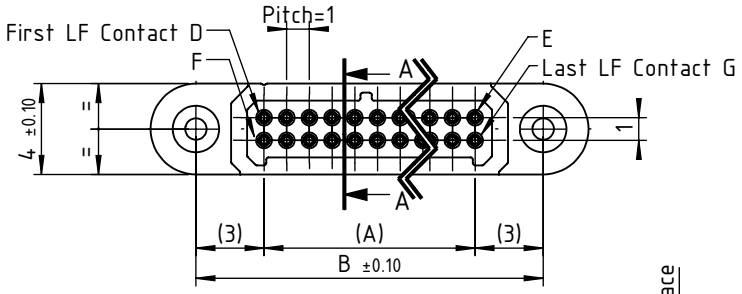
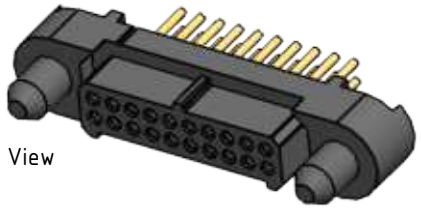
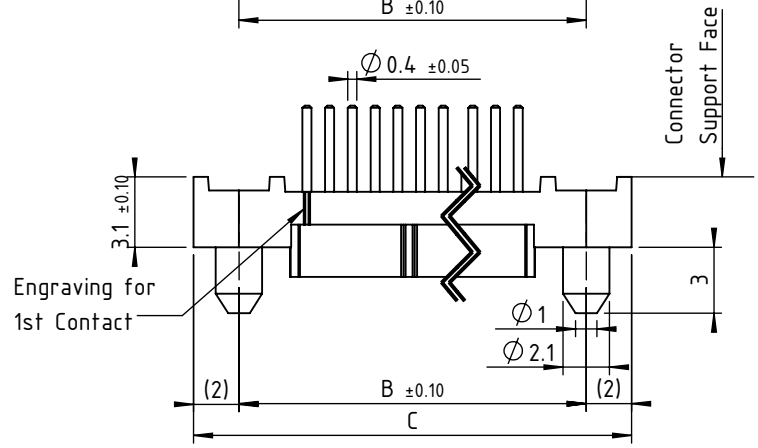


CUT A-A

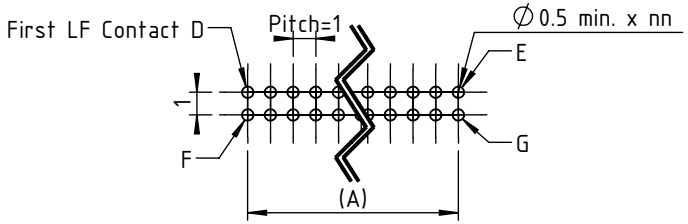




3D View



Recommended PCB Layout



No. Of Contacts	Distance Between axies		Length in mm	LF Contact Reference			
nn	A	B	C	D	E	F	G
4	1	7	11	1	2	3	4
6 ◆	2	8	12	1	3	4	6
8	3	9	13	1	4	5	8
10 ◆	4	10	14	1	5	6	10
12	5	11	15	1	6	7	12
14	6	12	16	1	7	8	14
16	7	13	17	1	8	9	16
18	8	14	18	1	9	10	18
20 ◆	9	15	19	1	10	11	20
22	10	16	20	1	11	12	22
24	11	17	21	1	12	13	24
26	12	18	22	1	13	14	26
28	13	19	23	1	14	15	28
30	14	20	24	1	15	16	30
32	15	21	25	1	16	17	32
34 ◆	16	22	26	1	17	18	34
36	17	23	27	1	18	19	36
38	18	24	28	1	19	20	38
40	19	25	29	1	20	21	40
42	20	26	30	1	21	22	42
44	21	27	31	1	22	23	44
46	22	28	32	1	23	24	46
48	23	29	33	1	24	25	48
50 ◆	24	30	34	1	25	26	50

NOTE:
1. Tape and Reel packaging
2. ◆ Configurations are available in stock"
3. "Feel free to ask for technical support"

Product Specifications

Material	
Insulator	LCP (Liquid Crystal Polymer) UL94-V0
Signal Contacts	Male : Copper alloy / Ni + Au 0.20µm to 0.40µm max. Female : Copper zinc alloy / Ni + Au 0.20µm to 0.40µm max.
Fixing Hardware	LCP (Liquid Crystal Polymer) UL94-V0
Electrical Features	
Current rating	UP to 4.8A @ 25°C (PCB to cable 20 pins) Up to 2.5A @ 25°C (PCB to PCB 20 pins)
Voltage	Voltage proof @ sea level: 1000V RMS Withstanding voltage @ sea level: 600V RMS
Contact resistance	10mΩ (initial)
Insulation resistance	> 2GΩ (after conditioning)
Mechanical Features	
Contact durabitlity	1000 cycles
Contact force	Engagement: 0.7N max Separation: 0.06N min
Contact retention	> 6N
Fixing hardware torque	Screw-Lok: 16cN.m
Environmental Features	
Temperature cycling	-65°C to +200°C
Humidity	25°C -65°C / 89% - 94% humidity / 6 days
Vibration	Sinusoidal vibration: 15g / 10Hz – 2000Hz – 10Hz in 20min / 4h per axis in each 3 axes (total 12h)
Shock	Peak accelaration: 100g/Normal Duration 6ms; Wave form: sawtooth

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Ind	Date	Drawn	Checked	Approved
b	22/06/20	P.K	K.H	A.DL

Item : Connector AMM 220 female straight on PCB, nn LF Contacts, R

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Catalogue Reference : A222YnnR

Compliant matrix :

Customer reference :

General tolerance ±0.2 | Scale 3:1 | Page 1/1

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