

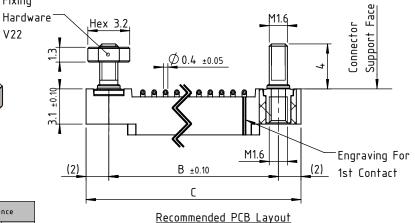


0.65

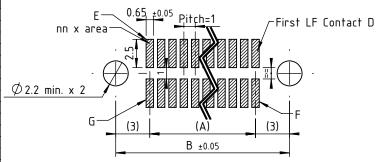
D

First LF Contact D (3) B ±0.10 Fixing

V22 Managaga 3D View



	No. Of	Distance	Between	Length in	I E	Contact	Poforo	DCO	
	Contacts		ies	mm					<u>Recommendec</u>
	nn	Α	В	С	D	E	F	G	
2	4	1	7	11	1	2	3	4	E — 0.65 ±0.05 pi
	6 ♦	2	8	12	1	3	4	6	nn x area 🖳 🗎 🛁
	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	Ø 2.2 min. x 2
	18	8	14	18	1	9	10	18	
	20 ♦	9	15	19	1	10	11	20	
	22	10	16	20	1	11	12	22	G — (3) i
	24	11	17	21	1	12	13	24	(3)
	26	12	18	22	1	13	14	26] ' F
	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	NOTE:
	42	20	26	30	1	21	22	42	
	44	21	27	31	1	22	23	44	1. Tape and Reel packaging
	46	22	28	32	1	23	24	46	2. ♦ Configurations are available in stock"
	48	23	29	33	1	24	25	48	3. <u>"Feel free to ask for technical support"</u>
	50 ♦	24	30	34	1	25	26	50	



NICOMATIC | Ind | Item :

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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	Stainless steel 300 series				
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)				

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Current raining	Up to 2.5A @ 25°C (PCB to PCB 20 pins)
Voltage	Voltage proof @ sea level: 1000V RMS
votrage	Withstanding voltage @ sea level: 600V RMS
Contact resistance	< 10mΩ (initial)

> 2GΩ (after conditioning)

Mechanical Features				
Contact durabitlity	1000 cycles			
Contact forces	Engagement: 0.7N max Separation: 0.06N min			
Contact retention	> 6N			
Fixing Hardware	Screw-Lok: 16cN.m			

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 20 min 4h per axis in each 3 axes (total 12h)			
Shock	Peak accelaration: 100g/Normal Duration 6ms; Wave form			

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

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Connector AMM 220 male SMT on PCB, nn LF Contacts, V22.

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Catalogue Reference :

A221TnnV22

Compliant matrix : Customer reference :

Insulation resistance

General Scale tolerance ±0.2 3:1

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