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MIL-DTL-38999 Series III Connector, d38999-20wc35pn
Male Square Flange Receptacle, No.13 Shell 22 Pin
Crimp, N Orientation

Part Number:

D38999-20WC35PN

Basic Information

Series	MIL-DTL-38999 Series III
Connector Type	Receptacle
Orientation	Straight
Contact Type	Male
Number Of Positions	22
Shell Size	13
Contact Layout	13-35
Fastening Type	Thread
Mount Type	Cable
Contact Termination	Crimp
Key	N

material_specification

Shell Material	Aluminum Alloy
Shell Finish	Cadmium olive drab
Insulation Material	PPS
Contact Material	Copper Alloy
Contact Finish	Gold
Shell Color	Olive Drab

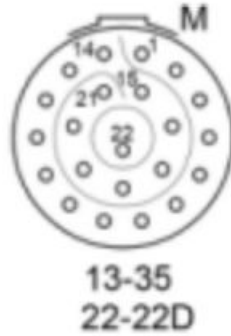
Environmental Specification

Protection Rating	IP67
Operating Temperature	-65°C to +175°C

Electronic Specification

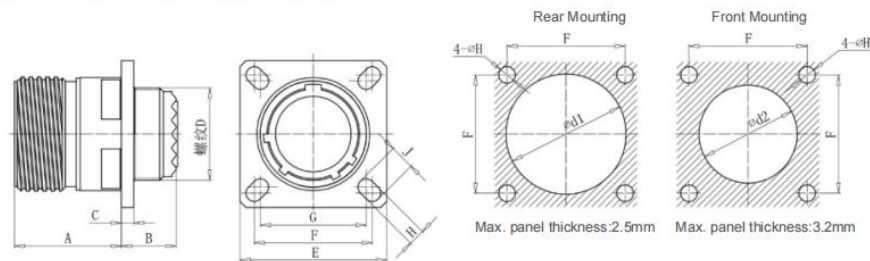
Shielding	Shield
Rated Current	5A

Contact Layout



Size

Square Flange Receptacle (D38999/20)



Shell size	MS Shell size	A max	B max	C max	D Thread	E	F	G	H	J	d1 min	d2 min
9	A	20.9	10.8	2.5	M12×1.0-6g	23.8	18.26	15.09	3.25	5.49	16.66	13.11
11	B	20.9	10.8	2.5	M15×1.0-6g	26.2	20.62	18.26	3.25	4.93	20.22	15.88
13	C	20.9	10.8	2.5	M18×1.0-6g	28.6	23.01	20.62	3.25	4.93	23.42	19.05
15	D	20.9	10.8	2.5	M22×1.0-6g	31.0	24.61	23.01	3.25	4.39	26.59	23.01
17	E	20.9	10.8	2.5	M25×1.0-6g	33.3	26.97	24.61	3.25	4.93	30.96	25.81
19	F	20.9	10.8	2.5	M28×1.0-6g	36.5	29.36	26.97	3.25	4.93	32.94	28.98
21	G	20.1	11.5	3.2	M31×1.0-6g	39.7	31.75	29.36	3.25	4.93	36.12	32.16
23	H	20.1	11.5	3.2	M34×1.0-6g	42.9	34.93	31.75	3.91	6.15	39.29	34.93
25	J	20.1	11.5	3.2	M37×1.0-6g	46.0	38.10	34.93	3.91	6.15	42.47	37.69

Disclaimer

The information in this specification is subject to change without notice. Please confirm the latest version before use. Technical parameters are for reference only, and sufficient testing and verification should be conducted in actual applications.