PRODUCT SPECIFICATION

MIL-DTL-38999 Series III Connector, d38999-20fd35pn Male Square Flange Receptacle, No.15 Shell 37 Pin Crimp, Nickel, N Orientation

PART NUMBER

D38999-20FD35PN

Basic Information

Series	MIL-DTL-38999 Series III
Connector Type	Receptacle
Orientation	Straight
Contact Type	Male
Number Of Positions	37
Shell Size	15
Contact Layout	15-35
Fastening Type	Thread

TECHNICAL SPECIFICATIONS

Specifications

Basic Information CONTINUED

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℃ to +175℃

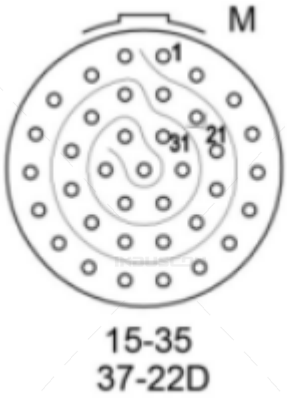
Eletronic Specification

Shielding	Shield
Rated Current	5A

TECHNICAL REFERENCE

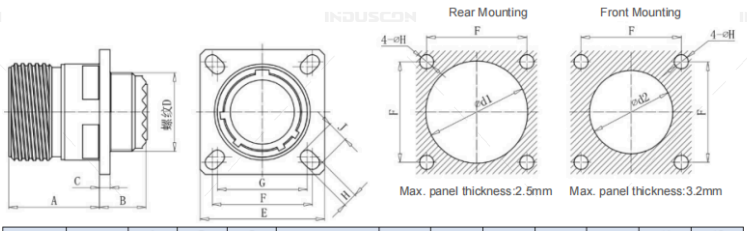
Technical Drawings

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.