

Push-Pull Circular Connector S Series ERA Socket Connector



Basic Information

Connector Type	Socket
Contacts	10 Pin, 12 Pin, 14 Pin, 16 Pin, 18 Pin, 2 Pin, 20 Pin, 22 Pin, 24 Pin, 3 Pin, 30 Pin, 32 Pin, 4 Pin, 5 Pin, 6 Pin, 7 Pin, 8 Pin, 9 Pin
Mounting Type	Cable Mount
Orientation	Straight
Product Series	00, 0S, 1S, 2S

Environmental Specification

Vibration Resistance	10-2000Hz.15g
Disinfection Resistance	-20 times(PSU), >100 times (PPSU), >200 times (PEEK)
Env Experiment	20 / 80 / 21
Environmental Experiment	50 / 175 / 21
Humidity Resistance	Up to 95% at 60 °C
Impact Resistance	100g 6ms
Ingress Protection	IP50
Leakage Rate	< 10-7mbar. L.s-1
Corrosion Resistance	> 144h
Shielding Effect	> 80 dB at 1GHz, > 95 dB at 10MHz
Solvent Corrosion Resis	Average (PSU), Good (PPSU), Very Good (PEEK)
Temp Range	- 20 °C\, + 100 °C(00 to 1b), - 20 °C\, + 80 °C(2b to 5b)
Temperature Range Meta	-55°C ~ +250°C
Temperature Range Plastic	-55°C ~ +150°C (PSU), -55°C ~ +180°C (PPSU), -55°C ~ +250°C (PEEK)

Material Specification

Insulation Material	PPS
Shell Material	Copper Alloy

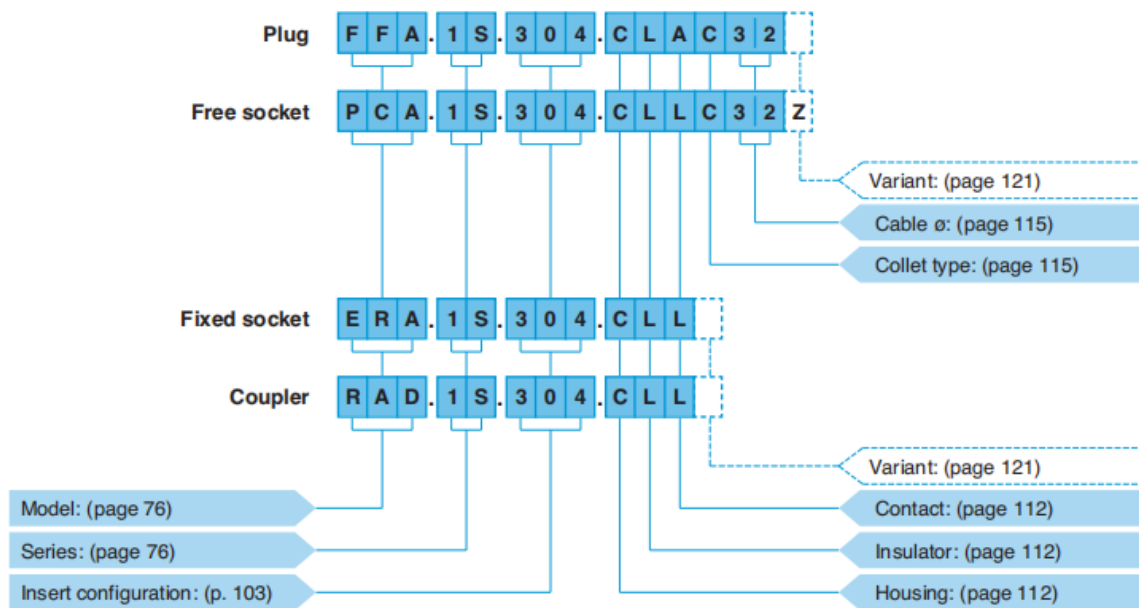
Mechanical Specification

Durability	> 5000 times
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Reference		Dimensions (mm)								
Model	Series	A	B	e	E	L	L ¹⁾	M	S1	S3
ERA	00	8	10.2	M7x0.5	5.5	-	14.5	1.0	6.3	9
ERA	0S	10	12.4	M9x0.6	7.0	18.5	18.0	1.2	8.2	11
ERA	1S	14	15.8	M12x1.0	7.5	21.0	20.5	1.5	10.5	14
ERA	2S	18	19.2	M15x1.0	8.5	24.5	23.5	1.8	13.5	17
ERA	3S	22	25.0	M18x1.0	11.5	29.0	27.5	2.0	16.5	22
ERA	4S	28	34.0	M25x1.0	12.0	34.0	33.5	2.5	23.5	30
ERA	5S	40	40.0	M35x1.0	15.5	45.0	78.5	3.0	33.5	-
ERA	6S	54	54.0	M48x1.5	16.0	45.0	-	3.5	45.5	-

How to Order



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.