



J36A Metal Shell 52pin Micro-D MIL-Spec Female Socket J36A-52ZKL

Part Number:

J36A-52ZKL

Basic Information

Color	Primary Color
Connector Type	Socket
Contact Type	Female

Mechanical Specification

Acceleration	100G
Contact Termination	Soldering
Mating Cycles	≥500
Mounting Type	Free Hanging
Number of Cores	52
Number of Interface Rows	4
Orientation	Straight
Shock	100G
Vibration	10Hz~2000Hz\,25G

Environmental Specification

Atmospheric Pressure	101.3kPa~1.33Pa
Operating Temperature	-55°C to +125°C
Relative Humidity	40°C±2°C, 90%~95%

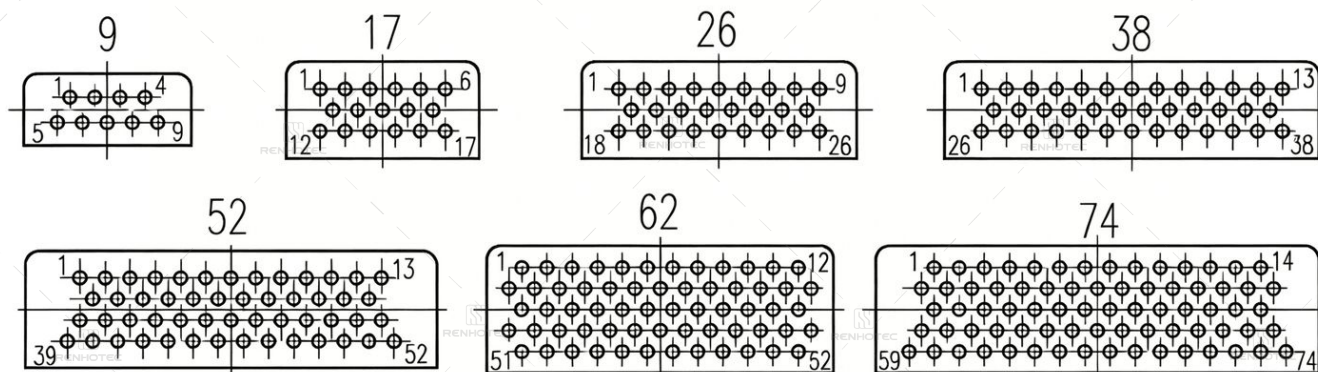
Material Specification

Contact Plating	Gold-plated
Housing Material	Aluminum Alloy
Housing Plating	Nickel-plated

Electrical Specification

Contact Resistance	$\leq 10\text{M}\Omega$
Insulation Resistance	$\geq 2000\text{M}\Omega$
Rated Current	5A
Withstand Dielectric Voltage	1000V

Contact Layout



How to Order

J — 36 — A — 9 — Z — J — B

Code	Description	Options
J	Rectangular Connector Designation	J — Rectangular Electrical Connector
36	Design Series	Design series number
A	Modification Code	Modification series code
9	Number of Contacts	Total number of contact pairs
Z	Shell Type	Z — Receptacle T — Plug T2 — Anti-condensation plug
J	Contact Type	K — Female Socket K2 — Straight plug-in PCB socket J — Male Pin
B	Mounting style (applicable to sockets only)	B — Panel mount L — Cable mount

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.