MATENG

CJ 10 SERIES

CATALOG

CJ10 SERIES
METAL FRAME ELECTRICAL CONNECTOR

BRIEF INTRODUCTION

- Metal frame, single cavity or double cavities structure
- EMI shielding
- Used in high & low frequency AC/DC circuit
- Hyperboloid wire spring socket
- Anti mismating leading pins and leading sleeves
- Contact termination soldering
- Can be interchanged with Russia РПКМ series products
- Enterprise standard: 21E0.204.079JT

MAIN TECHNICAL CHARACTERISTICS

– Working temperature: -55℃~+200℃
– Vibration: 10~2000HZ, acceleration 15g
– Shock: 490 m/s2
– Rated current and contact resistance:
– Insulation resistance: Normal ⩾1000MΩ, damp heat⩾50 MΩ
– Withstanding voltage: sea level 1500V；15240m: 1000V
– Endurance: 500 cycles

Contact size	Rated current	Contact resistance
φ1.0	5A	0.005Ω
φ1.5	10A	0.0025Ω
φ0.6 coaxial	–	0.01Ω

PART NUMBER ILLUSTRATION

SINGLE CAVITY STRUCTURE:

Basic series	CJ10	T	67	H	3	J	D1
Connector Type	T-Plug with pin Z-Receptacle with socket						
Contact number	See layout						
Termination Type	H- Wire Soldering						
Back accessory	1, 3—Without accessory 4—With accessory						
Contact plating	J—Gold plating (No mark for silver plating)						
Shell plating	D1—Aluminum alloy chemical nickel plating D40—Stainless steel passive						

PART NUMBER EXAMPLE:

Plug: CJ10 series single cavity structure, plug loaded with pins, 67 cores, wire soldering, without back accessory, gold plating contact, electroless nickel plating shell, the part number is CJ10T67H3J.
Receptacle: CJ10 series single cavity, receptacle, loaded with sockets, 67 cores, wire soldering, without back accessory, gold plating contact, electroless nickel plating shell, the part number is CJ10Z67H3J
Electrical connector P/N: CJ10Z67H3J/H3J

DOUBLE CAVITY STRUCTURE

Basic series	CJ10	T	67	57	H	3	J
Connector Type	T-Plug with pin Z-Receptacle with socket						
Contact number of the upper cavity	See layout						
Contact number of the bottom cavity	See layout						
Termination	H- Wire Soldering						
Rear accessory	1, 3—Without accessory 4—With accessory						
Contact plating	J—Gold plating (No mark for silver plating)						

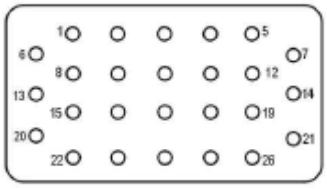
PART NUMBER EXAMPLE:

Plug: CJ10 series double cavity structure, plug loaded with pins, top cavity 67 cores, bottom cavity 67 cores, wire soldering, without back accessory, gold plating contact, electroless nickel plating shell, the part number is CJ10T67/67H3J
Receptacle: CJ10 series double cavity structure, receptacle loaded with sockets, top cavity 67 cores, bottom cavity 67 cores, wire soldering, without back accessory, gold plating contact, electroless nickel plating shell, the part number is CJ10Z67/67H3J
Electrical connector P/N: CJ10Z67/67H3J/H3J

CONTACT LAYOUT (MATING SURFACE OF THE INSULATOR, LOADED WITH SOCKETS)

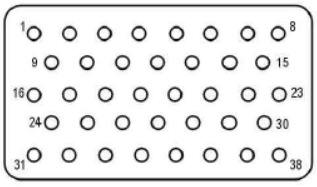
CONTACT COMBINATION CODE (CONTACT NUMBER)

26 CONTACTS



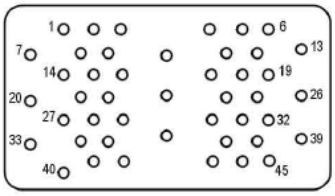
26-Φ1.5

38 CONTACTS



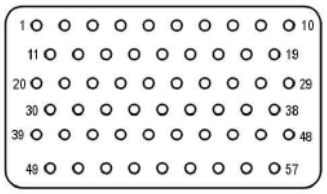
38-Φ1.5

45 CONTACTS



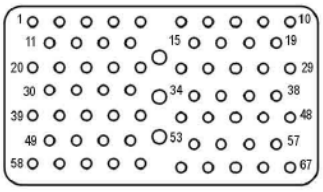
45-Φ1.0

57 CONTACTS



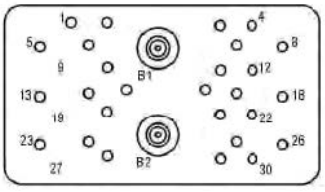
57-Φ1.0

67 CONTACTS



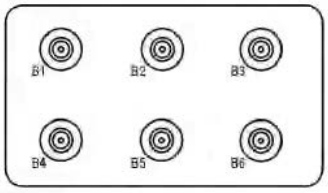
64-Φ1.0, 3-Φ1.5

32 CONTACTS



30-Φ1.0, 2-Φ0.6 Coaxial

6 CONTACTS

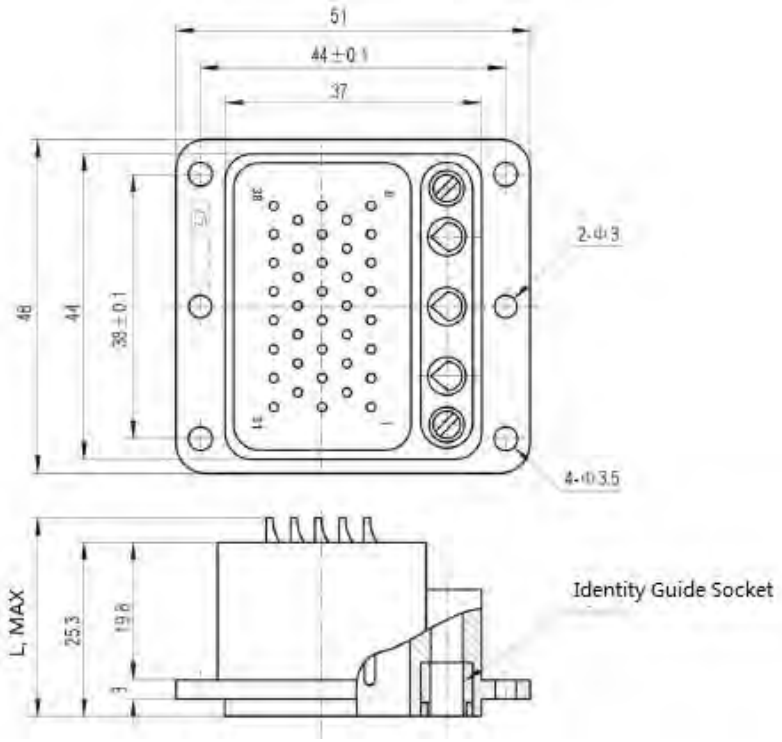


6-Φ0.6 Coaxial

OUTLINE DIMENSION

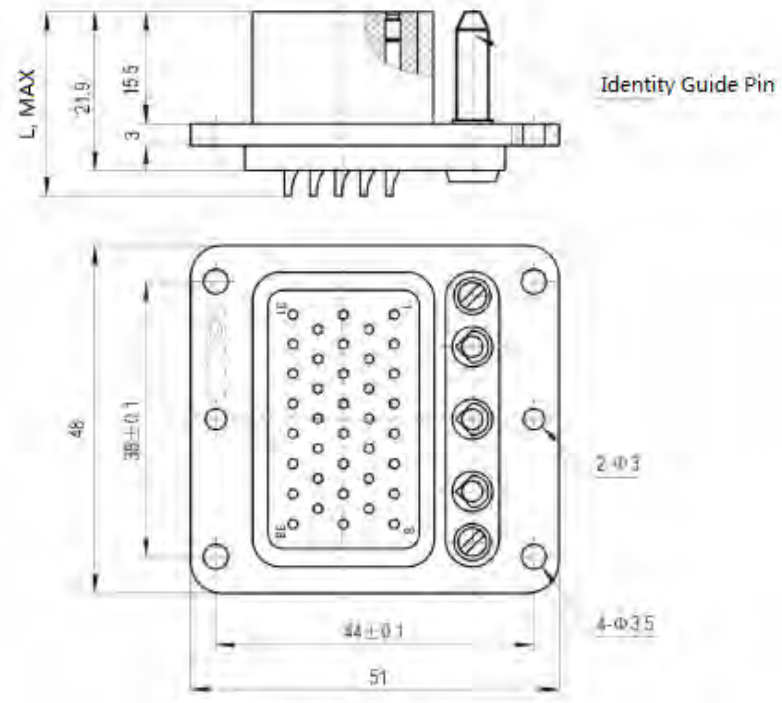
SINGLE CAVITY STRUCTURE:

PLUG



Contact combination code	L, mm
1, 2, 3, 4, 5	28
6, 7	38

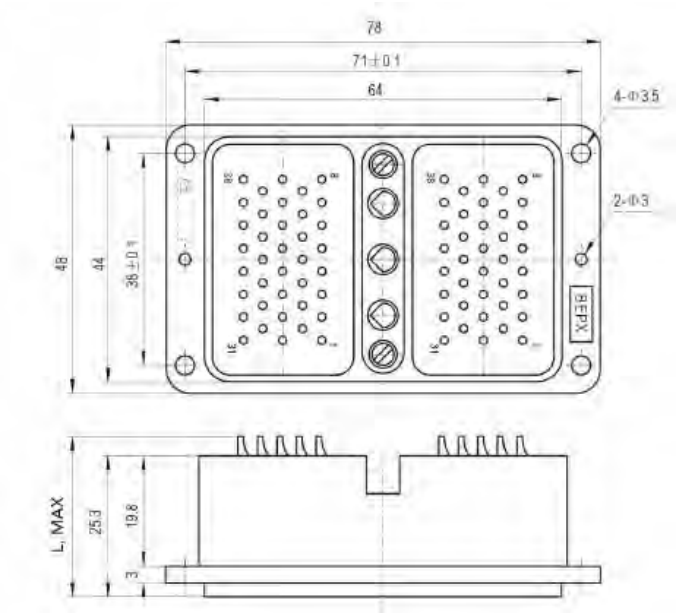
RECEPTACLE



Contact combination code	L, mm
1, 2, 3, 4, 5	24
6, 7	34

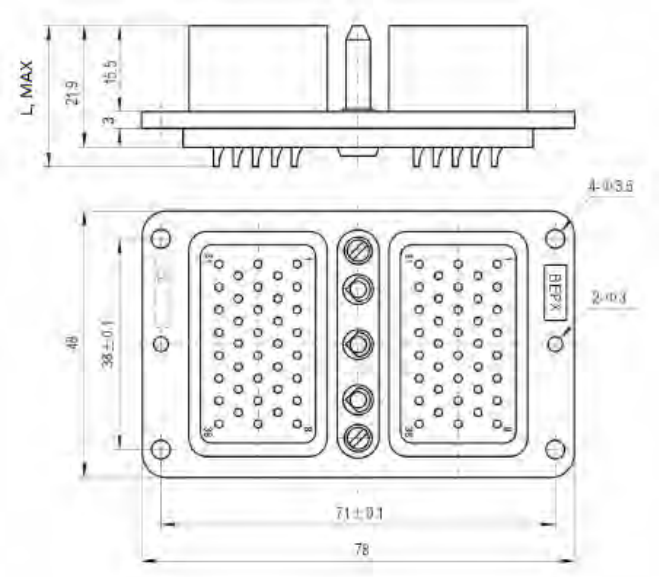
DOUBLE CAVITY STRUCTURE

PLUG



Contact combination code	L, mm
1, 2, 3, 4, 5	28
6, 7	38

RECEPTACLE



Contact combination code	L, mm
1, 2, 3, 4, 5	24
6, 7	34

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