

R81G Series Rectangular Electrical Connectors

Brief introduction

- Blade contact
- According to DIN 41612
- Types of termination: crimp and PCB dip soldering
- Standard: Q/21EJ1264

Main technical characteristics

[Mechanical characteristics]

- vibration: 10~2000Hz, acceleration 147m/s²
- shock: acceleration 490m/s²
- durability: 1000 cycles

[Electrical characteristics]

- Rated current: 6A
- contact resistance: ≤15mΩ
- rated voltage: 125V
- withstanding voltage: 1550V
- Insulation resistance: normal temperature≥10000 MΩ; heat and damp≥100MΩ

[Environmental characteristics]

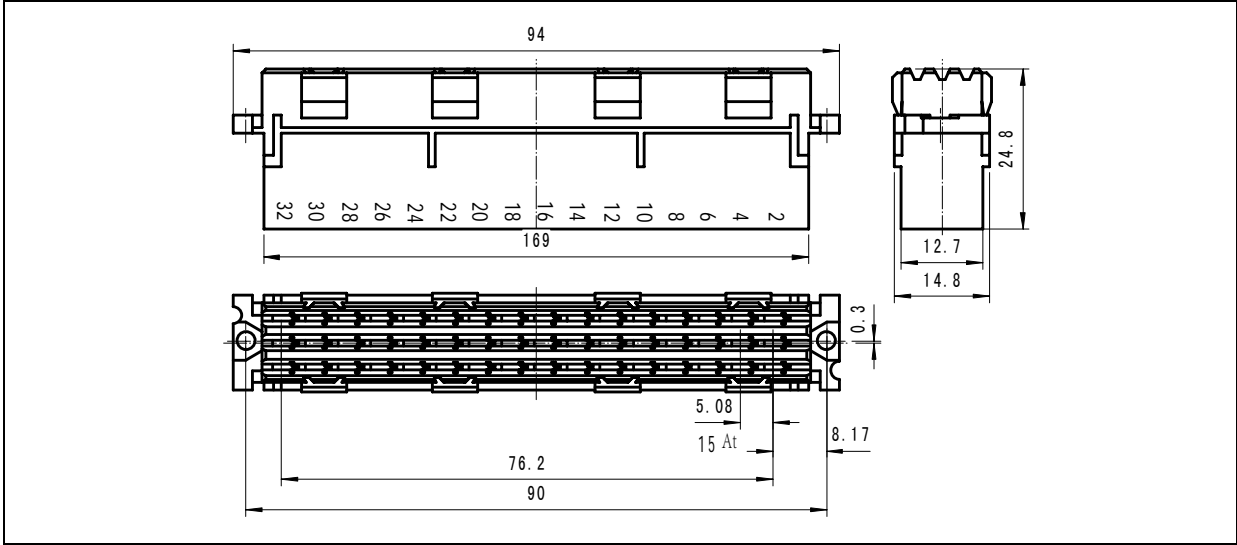
- Operation temperature: -55~+125℃
- RH: 95%, at 40℃

Designation

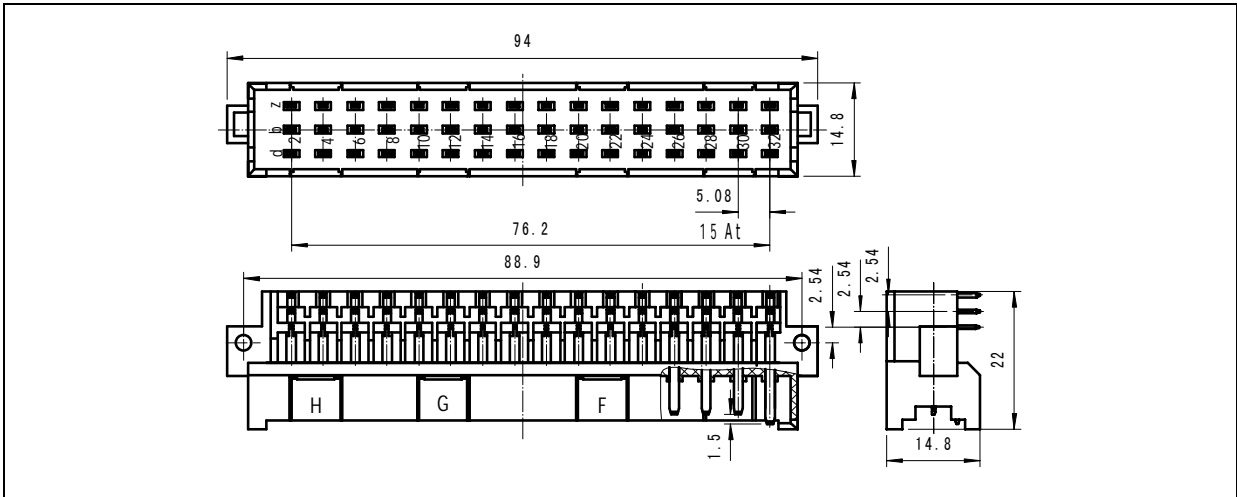
Series	R81G	BW	48	T
Type of termination	BW—right angle PCB soldering; LZ—adaptor; Y—crimp			
Contact No.	48			
Product type	T—plug (with sockets); Z—receptacle (with pins)			

Outline dimensions

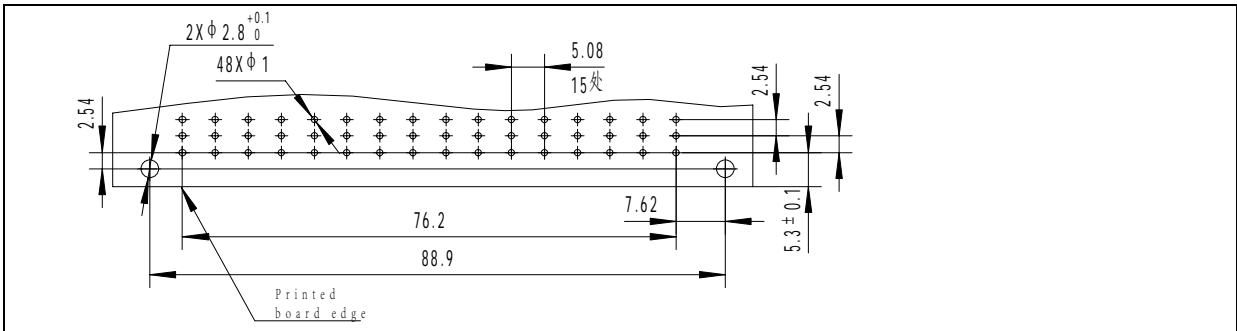
[Plug]



[Receptacle]



Recommended PCB cutout dimensions



[Adaptor]

