

Recommended P. C. B. Layout

SPECIFICATION

Current Rating: 2.0Amp  
 Insulation Resistance: 1000MΩ min.at DC 100V  
 Contact Resistance: 20mΩ max  
 Withstand Voltage: AC 1000V For 1 Minute  
 Operating Temperature: -55° C to +105° C  
 Contact Material: Brass  
 Contact Plating: Au or Sn Over Ni  
 Insulator Material: PBT+30%GF UL 94V-0  
 Insertion Force: 64 pin max.60N  
 Withdrawal Force: 0.15N min.per individual contact

Ordering Code:

DMS - XX - X - X - X - 214

① ② ③ ④ ⑤ ⑥

① Series No:

② No. of Contacts

48P 24p

③ Termination

- A: Straight solder tail length H=2.5mm
- E: Straight solder tail length H=4.0mm
- I: Straight tail length H=5.0mm
- K: Straight tail length H=7.4mm
- M: Wrap post tail length H=13.0mm
- N: Wrap post tail length H=17.0mm
- O: Wrap post tail length H=19.4mm

④ Rows Loaded With Contacts

- A: Row a(2, 4, 6...)
- A1: Row a
- C1: Row a+b(2, 4, 6...)
- C: Row a+b

⑤ Contact Plating

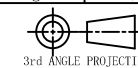
- G0: Gold flash
- S0: Gold flash/Ni
- G1: 3u" Gold
- S1: 3u" Gold/Ni
- G2: 5u" Gold
- S2: 5u" Gold/Ni
- G3: 10u" Gold
- S3: 10u" Gold/Ni
- G4: 15u" Gold
- S4: 15u" Gold/Ni
- G5: 30u" Gold
- S5: 30u" Gold/Ni
- SN: Tin

⑥ Series number 214

Code	Number Of Contacts	Contact Arrangement	Rows With Contacts	Pitch
A	12		a	5.08
A1	24		a	2.54
C	24		a+b	5.08
C1	48		a+b	2.54

Unless Otherwise specified tolerance  
 X. ±0.35 X.XX: ±0.20  
 X.X: ±0.25 X.XXX: ±0.15

SCALE: As Shown UNIT: mm  
 DRAW ZLA DATE 24/04/2022  
 CHECK BobYang DATE 24/04/2022



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TITLE: DIN41612 Vertical Plug Type Q  
 Connectors-Inversed 48 Positions

DRAWING NO: DMS-XX-XXX-214

PRODUCT NO: DMS-XX-XXX-214

REV	DESCRIPTION	DATE