



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: 20 pin max.18N
 Withdrawal Force: 0.15N min.per individual contact

Ordering Code:

DMS - XX - X - X - X - 219

① ② ③ ④ ⑤ ⑥

- ① Series No:
- ② No. of Contacts
16P 8P
- 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
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
219

Code	Number Of Contacts	Contact Arrangement	Rows With Contacts	Pitch
A	8		a	2.54
C1	8		a b	5.08
C	16		a	2.54

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

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SCALE: As Shown UNIT: mm
 DRAW Wu Feng Rong DATE 03/02/2021
 CHECK BobYang DATE 03/02/2021

TITLE: DIN41612 Vertical Plug Type 1/3Q Connectors-Inversed 16 Positions



DRAWING NO: DMS-XX-XXX-219
 PRODUCT NO: DMS-XX-XXX-219

REV	DESCRIPTION	DATE