



Recommended P. C. B. Layout

SPECIFICATION

Current Rating:	2.0Amp
Insulation Resistance:	100MΩ 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 -218
 ① ② ③ ④ ⑤ ⑥

- ① Series No:
- ② No. of Contacts
20P 10p
- ③ Termination
I: Straight press-fit tail length H=5.0mm
M: Straight press-fit tail length H=13.0mm
N: Straight press-fit tail length H=17.0mm
- 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
218

Code	Number Of Contacts	Contact Arrangement	Rows With Contacts	Pitch
A	10		a	2.54
C1	10		a b	5.08
C	20		a	2.54

Unless Otherwise specified tolerance

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

Atkconn® ATKCONN ELECTRONICS CO., LTD
[Http://www.atkconn.com](http://www.atkconn.com)

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

TITLE:
DIN41612 Vertical Plug Type 1/3Q Compliant
Press-Fit Connectors 20 Positions



DRAWING NO: DMS-XX-XXX-218
 PRODUCT NO: DMS-XX-XXX-218

REV	DESCRIPTION	DATE