

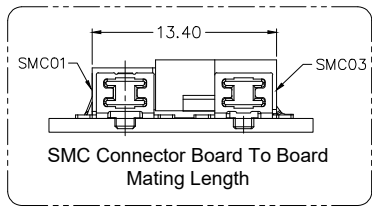
ORDERING CODE:

ATK-SMC01 XX XX X
 SERIES NO. 1.27 SMC Female Connector Right Angle SMT Type
 CONTACT POSITION See DIM-TABLE.
 Packing
 A:Tray
 B:Bag
 T:Tube
 U:Tube+CAP
 R:Tape&Reel
 W:Tape&Reel+CAP

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

Specifications:

Insulator Material:High Temp,Thermoplastic,UL94V-0 Board Lock Material:Brass
 Contact Material:Phosphor Bronze
 Contact Plating: Au (1 μ"/ 5 μ"/ 30 μ" Min.) on Contact Area.
 Au (1 μ" Min.) or Sn (100 μ" Min.) on Solder tail.
 Nickel (Contact - 80 μ" Min. / Solder tail - 50 μ" Min.)
 Board Lock Plating: Sn(100 μ" Min.) over Nickel (40 μ" Min.)
 Current Resistance:1.2A Max. Voltage-Withstand:500V AC For 1 Minute
 Conductor Resistance:Max:25mΩ Insulation Resistance:Min:1000MΩ Min
 Operating Temp.:-55° C ~ +125° C
 Max.Processing Temp.:230° C for 30~60 seconds. 260° C for 10 seconds.
 Durability Test:500 mating cycles Insertion Force:0.8N Max. (Per Contact)
 Withdrawal Force:0.4N Min. (Per Contact)



DIM-TABLE

PIN NO.	DIM A	DIM B	DIM C	DIM D	DIM E	DIM F
12	12.70	8.37	6.35	9.37	10.77	11.34
16	15.24	10.91	8.89	11.91	13.31	13.88
20	17.78	13.45	11.43	14.45	15.85	16.42
26	21.59	17.26	15.24	18.26	19.66	20.23
30	24.13	19.80	17.78	20.80	22.20	22.77
32	25.40	21.07	19.05	22.07	23.47	24.04
40	30.48	26.15	24.13	27.15	28.55	29.12
50	36.83	32.50	30.48	33.50	34.90	35.47
68	48.26	43.93	41.91	44.93	46.33	46.90
80	55.88	51.55	49.53	52.55	53.95	54.52

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 24/10/2022
 CHECK BobYang DATE 24/10/2022
 VER. A0

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

TITLE:
 1.27 SMC Female Connector Right Angle SMT Type
 DRAWING NO: ATK-SMC01XXXXX
 PRODUCT NO: ATK-SMC01XXXXX

REV	DESCRIPTION	DATE
1		
2		
3		
4		
5		