

ORDERING CODE:

ATK-SMC01 XX XX X

SERIES NO.
1.27 SMC Female Connector
Right Angle SMT Type

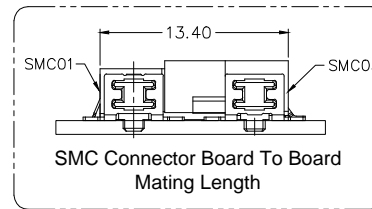
CONTACT POSITION
See DIM-TABLE.

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.
Nickle (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. Volage-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)

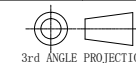


DIM-TABLE

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
DRAW
Wu Feng Rong
CHECK
BobYang



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DRAWING NO: ATK-SMC01XXXXX

PRODUCT NO: ATK-SMC01XXXXX

REV	DESCRIPTION	DATE