

< ORDERING INFORMATION >

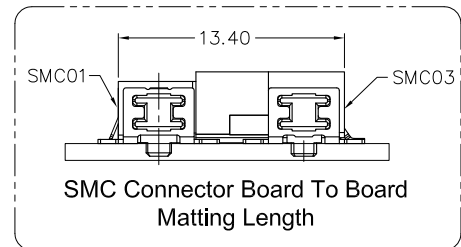
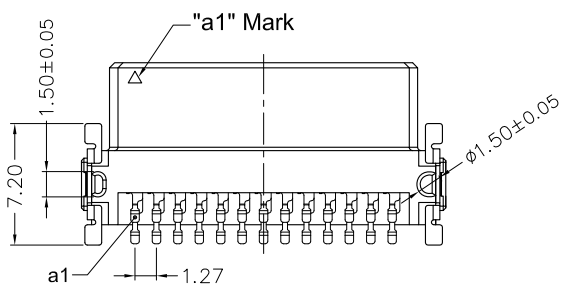
SMC01 XX XXX 3

SERIES NO. _____
1.27 SMC Female Connector
Right Angle SMT Type

CONTACT POSITION _____
See DIM-TABLE

PACKAGE _____
3: Tape & Reel

CONTACT PLATING
600: Selective Gold Flash Plated
(1μ" Min.)
605: 5μ" selective Gold Plated
630: 30μ" selective Gold Plated



Specification

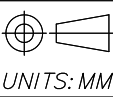
Insulator Material: High Temp. Thermoplastic, UL94V-0.
Contact Material: Phosphor Bronze.
Board Lock Material: Brass.
Contact Plating: Au on Contact Area.
Sn (100μ" Min.) on Solder-tail.
Nickle (Contact - 80μ" Min. / Solder-tail - 50μ" Min.)
Sn (100μ" Min.) over Nickel (40μ" Min.)

Board Lock Plating:
Current Rating: 1.2A Max.
Contact Resistance: 25 Milliohms Max.
Insulator Resistance: 1000 Megohms Min.
Dielectric Withstanding: 500V AC for 1 Minute.
Operating Temperature: -55°C ~ +125°C.
Max. Processing Temp.: 230°C for 30~60 seconds.
260°C for 10 seconds.

DIM-TABLE

PIN NO.	DIM A	DIM B	DIM C	DIM D	DIM E	DIM F
10	11.43	7.10	5.08	8.10	9.50	10.07
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
24	20.32	15.99	13.97	16.99	18.39	18.96
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

REV.	DESCRIPTION	DATE
DR. Shun	CHK. Ren	APP. Peter
△	Add "Pin No" Option	2020,02,25
△	New Version	2019,03,19



TOLERANCE
(UNLESS SPECIFIED)
0.0 ±0.35
0.00 ±0.20
0.000 ±0.10
ANG. ±2°



TITLE:
1.27 SMC Female Connector
Right Angle SMT Type

DWG NO.
SMC01_C
FILE PATH
SMCIBTBISMC01_CB

SHEET
1 / 1
REV.
B