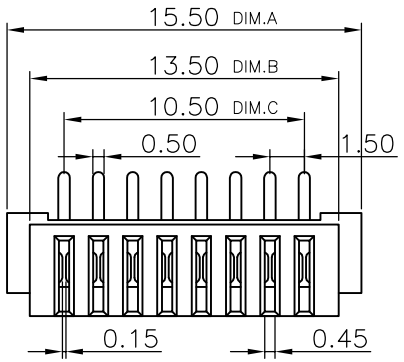
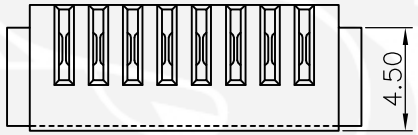
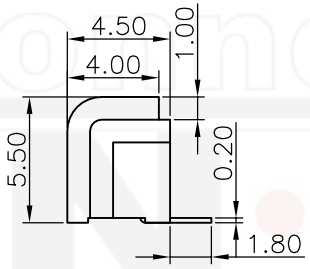
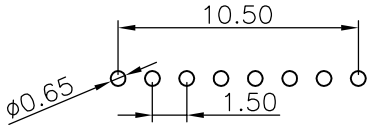
RoHS Compliant

SYMBOL	REVISION	APPROVAL	DATE









Recommended P.C.B Layout

Layout Tolerance=+/−0.05mm

Material
Insulator:Nylon 9T(UL94V-0)
Contact:Phosphor Bronze
Contact Plated:Gold over Nickel or Tin
Specification
Current Rating:3A/PIN
Instant Current:5A/PIN
Contact Resistance:30mΩ
Insulation Resistance:100MΩ
Dielectric Voltage:500V
Operating Temperature:-40° ~105°

No. of Pins	Dimension		
	DIM A	DIM B	DIM C
2Pin	6.50	4.50	1.50
3Pin	8.00	6.00	3.00
4Pin	9.50	7.50	4.50
5Pin	11.00	9.00	6.00
6Pin	12.50	10.50	7.50
7Pin	14.00	12.00	9.00
8Pin	15.50	13.50	10.50
9Pin	17.00	15.00	12.00
10Pin	18.50	16.50	13.50
11Pin	20.00	18.00	15.00
12Pin	21.50	19.50	16.50
13Pin	23.00	21.00	18.00
14Pin	24.50	22.50	19.50
15Pin	26.00	24.00	21.00
16Pin	27.50	25.50	22.50

NO.	PARTS	MATERIAL	QTY.	FINISHING
2	HOUSING	NYLON 9T	1	BLACK
1	CONTACT TERMINAL	PHOSPHOR BRONZE	8	Au PLATED

东莞市信音电子科技有限公司

PART NAME	1.5间距90度母座系列	DRAWING	Y.C.Zhang	DWG.No.	
PART NO.	SYCAF1501PxxAL1	CHECK	G.C.Chen	REV.	A1
UNIT : mm	TOLERANCE OTHERWISE: UP TO 5 ±0.2; ABOVE 5 ~30 ±0.3; ABOVE 30 ±0.5; ANGLE ±3°	ANGLE 0°±3°	APPROVAL	DATE	2025-03-18
			SCALE 2:1	PAGE	1 OF 1