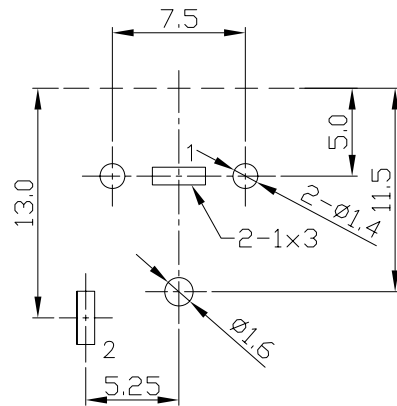
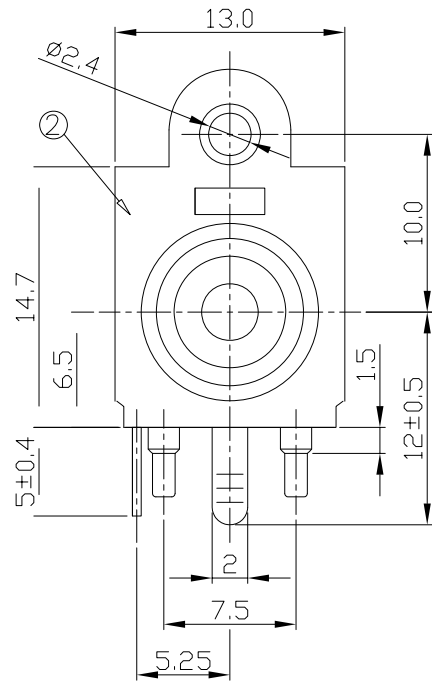
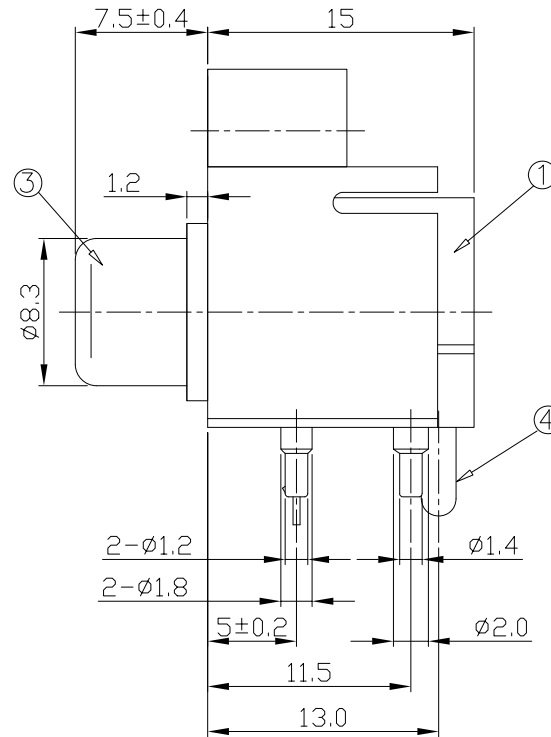
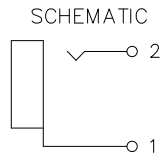




PCB HOLES (THE PATTERN SIDE)t=1.6mm
NOTE: GENERAL TOLERANCE: ±0.1mm



RCA-JR50ET1xx-02-LF
LEADFREE

PART NO.	COLOR
RCA-JR50ET1RD-02	RED
RCA-JR50ET1BL-02	BLUE
RCA-JR50ET1WH-02	WHITE
RCA-JR50ET1BK-02	BLACK
RCA-JR50ET1YL-02	YELLOW
RCA-JR50ET1GR-02	GREEN
RCA-JR50ET1OR-02	ORANGE

RoHS Compliant

4	TERMINAL	2	1	BRASS	Cu/Sn	
3	OUTER CONTACT	1	1	BRASS	Au	
2	FRAME		1	ABS 94HB		Black
1	HOUSING		1	ABS 94HB		Color Code
NO	PART NAME	TER' NO.	Q'TY	MATERIAL	PLATED	REMARK

MORETHANALL
CONNECTORS
ASSEMBLIES

PART NO. RCA-JR50RT1xx-02

DWG NO. RCA-JR50RT1xx-02

FILE NO.

UNIT / mm

SCALE 1:1

CHECKED BY CY

DRAWING BY

PROJECTION



TOLERANCES ARE

.X ± 0.2
.XX ±
.XXX ±
ANG

DESCRIPTION:

AREA

REVISIONS

HK

DATE

煜倫股份有限公司

1). SCOPE 適用範圍 .

This specification covers " RCA PIN JACK " RCA 插座

2). CHARACTERISTICS 性能 .

Standard atmospheric specified, measurements shall be made at temperature , humidity and air pressure within the following limit :

Ambient temperature : 5°C to 35°C
Relative humidity : 45 % to 85 %
Air pressure : 85 Kpa to 106 Kpa

標準狀態：沒有特別指定時,測試是在常溫、常濕、常壓下進行.

常 溫 : 溫度 5°C ~ 35°C
常 濕 : 濕度 45 % ~ 85 %
常 壓 : 氣壓 85Kpa ~ 106Kpa

Operating temperature range : - 20°C to 60°C
使用溫度範圍 : - 20°C to 60°C
Storage temperature range : - 25°C to 70°C
保存溫度範圍 : - 25°C to 70°C

3). ELECTRICAL CHARACTERISTICS 電氣性能 .

Item 項 目	Test Conditions 條 件	Specification 規 格
<3a>.Rated Voltage/ Rated Current 核定電壓 / 電流		DC 16V 20mA--0.3A
<3b>.Insulation Resistance 絕 緣 阻 抗	A voltage of 500V DC shall be applied to the terminals. After which measurement shall be made. DC 500V	100M Ω or more $\geq 100M \Omega$

4). MECHANICAL CHARACTERISTICS 機械性能

<4a>.

Item 項目	Conditions 條件	Insertion force 插入力	Withdrawal force 拔出力
Insertion force and Withdrawal force	(With the test plug as show in item 6) (測試用插棒規格參考第 6 項) Initial 初始	0.3kgf ~ 5.0kgf	0.3kgf ~ 5.0kgf
插入力 / 拔出力	After life test 壽命試驗後	0.3kgf ~ 5.0kgf	0.3kgf ~ 5.0kgf

<4b>.Terminal strength 端子強度

Terminals must withstand a 500g minimum pull for 10 seconds before movement or break from housing occurs , but deformation of terminal is authorized .

各端子部須測試荷重500g, 10秒, 端子不可有脫落或塑膠本體不可有破裂等情況, 但端子部彎曲, 變形可接受 .

5). ENDURANCE CHARACTERISTICS 耐久性能

<5a>.Life test 壽命試驗

The life test shall consist of 1,000 cycles of insertion and withdrawal with test plug(Show in item 6), at a rate of 10 to 20 cycles per minute under no load .

壽命試驗在無負荷狀態下 10 ~ 20 回 / 1 分鐘的插入及拔出, 做 1,000 回, 測試用插棒 (參考第 6 項) .

<5b>.Soldering test 焊錫試驗

<5b-1>.Solderability 焊錫性

The terminal of JACK tested shall be dipped into soldering flux or equivalent for 5 ~ 10 seconds and then immersed into molten solder Sn at 245±5°C for 3±0.5 seconds , the coverage should more than 95% .

插座端子部, 浸助焊劑 5 ~ 10 秒, 再浸Sn 溶液—溫度245±5°C . 時間 3±0.5 秒, 端子部上錫覆蓋面積須達 95% 以上 .

<5b-2>.Soldering heat 上錫耐熱性

The terminal for a printed circuit board .

Temperature of solder : $260\pm 5^{\circ}\text{C}$

Dip time : 5 ± 1 seconds .

端子部與銅箔面上錫溫度與時間 .

溫 度 : $260\pm 5^{\circ}\text{C}$

時 間 : 5 ± 1 秒 .

6) . MATED PLUG 適用插棒

