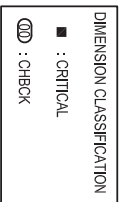


RECOMMEND PCB LAYOUT  
(TOP VIEW)  
TOLERANCES : ± 0.05  
RECOMMEND PCB THICKNESS : 1.6mm

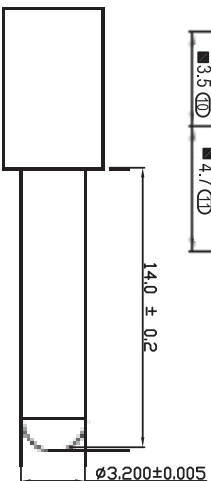
**SPECIFICATION**

1. VOLTAGE AND CURRENT RATING : 12V & 1A
2. CONTACT RESISTANCE : 30mΩ MAX.
3. INSULATION RESISTANCE : 100MΩ MIN.@ DC500V
4. WITHSTAND VOLTAGE : 500VAC FOR 1MIN.
5. INSERTION FORCE : 3kgf MAX.
6. EXTRACTION FORCE : 0.3kgf MIN.
7. WITHDRAW FORCE FOR CENTER CONTACT : 0.08kgf MIN.  
(USE A OD=3.20±0.005mm LENGTH=14±0.2mm GAUGE PLUG)
8. TERMINAL STRENGTH : THE TERMINAL SHALL BE CAPABLE OF WITHSTANDING A FORCE OF 3kgf APPLIED IN ANY DIRECTION FOR 0.5 SECS WITHOUT LOSING AND BREAKDOWN.
9. LIFE TEST : 1,500 CYCLES
10. TEMPERATURE RANGE : -25
11. SOLDER HEAT RESISTANCE : WAVE SOLDERING 260°C 5 SECS

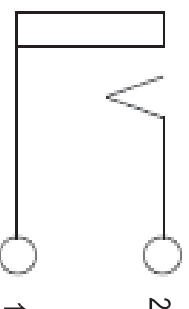


RH-1072-XX-NL  
[XX= Insulator color ]

- 01= Black
- 02= Red
- 03= White
- 04= Yellow
- 05= Blue
- 06= Green
- 07= Orange



**GAUGE PLUG**



**SCHEMATIC**

NOTES: ALL DIMS ARE IN mm

PROJECTION	
SCALE	N/A
TOLERANCE	EXCEPT AS NOTED
DEC. MILLIMETERS	X : ± 0.50 XX : ± 0.30 XXX : ± 0.20
ANG.	X ± 3° XX ± 2°
TITLE	RCA Jack, High temp housing, RoHS Compliant
DR. DATE	Tino 02/10/12
CK. PRE-DATE	BM JK 4272
P/N/ REF.	RH-1072-XX-NL
DRAWING NO.	4272
SIZE	A
REV.	-



Research Develop Innovate

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ECN#	DATE	SYM	REVISION RECORD	AUTH	BY

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