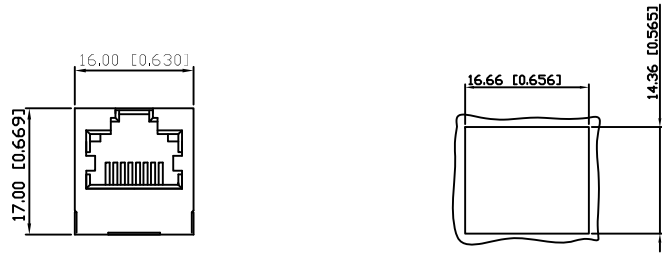




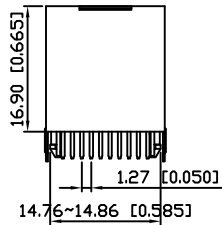
RoHS COMPLIANT

更改 REV	设计内容 MODIFICATION	日期 DATE	制图 DRAW	核准 APPROVE
A	图面发行	2012/10/29		

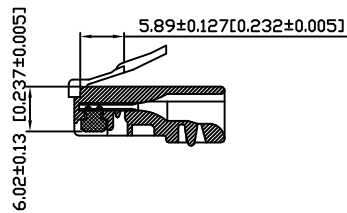
### 1. MECHANICAL DIMENSIONS :



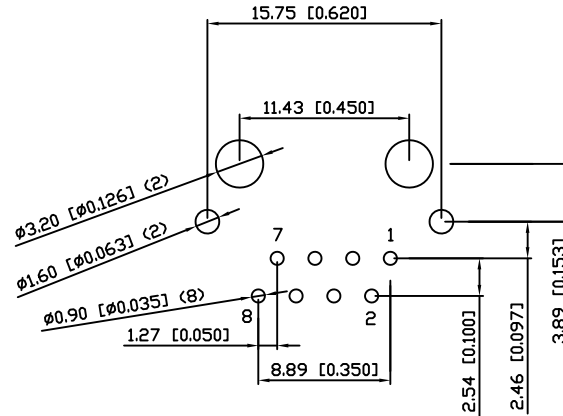
RECOMMENDED  
PANEL CUTOUT DIMENSION



RECOMMENDED PLUG DIMENSION:



### 2. PCB LAYOUT :



SUGGESTED PCB LAYOUT  
(TOP VIEW)

#### NOTES:

- MATERIAL:  
HOUSING: HIGH TEMPERATURE PBT UL94V-0 BLACK  
CONTACTS: T=0.30mm, PHOSPHOR BRONZE,  
NICKEL 50μ\*MIN UNDERPLATE ON ALL AREA,  
TIN 80μ\*MIN ON TERMINATION END,  
6U GOLD ON CONTACT AREA.  
SHIELD: T=0.20mm, NICKEL 50μ\*MIN PLATING
- OPERATING TEMPERATURE : 0°C~70°C  
STORAGE TEMPERATURE : -40°C~85°C
- CAVITY CONFORMS TO FCC RULES AND REGULATIONS  
PART 68, SUBPART F.

QC : Inspection Item CPK : Cp/Cpk and SPC Control Item	DIMENSION IN mm [Inch]		深圳市创勤科技有限公司 SHENZHEN CHUANGQIN TECHNOLOGY CO., LTD.	
	TOLERANCE UNLESS OTHERWISE SPECIFIED		专案号 FILE NO.	图号 DWG NO. HRJR-B01C00A060NL
	.X± 0.20	X.°± 1°	名称 TITLE rJ45 Connectors, W/D LED, 8P8C, top entry, 100 Mbps /FILTER	
	.XX± 0.15	.X°± 0.5°		
.XXX± 0.075		制图 DRAW Oscar	画法 PROJ. 比例 SCALE 1:1	更改 SHEET 1 / 1 更改 REV A



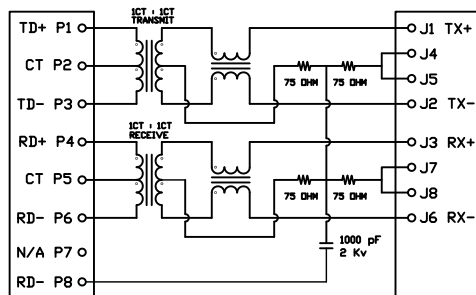
RoHS COMPLIANT

更改 REV	设计内容 MODIFICATION	日期 DATE	制图 DRAW	核准 APPROVE
A	图面发行	2012/10/29		

3. SCHEMATIC:

CONNECTOR SOLDER SIDE

RJ45 CONTACT SIDE



4. ELECTRICAL CHARACTERISTICS :

TEST NOTES:(25±5°C)

1.TR:(100KHz,0.1V);

PINS:(P1-P2)<(J1-J2)=1:1±3%

PINS:(P7-P8)<(J3-J6)=1:1±3%

2.LX:(100KHz,100mV,8mA, DC Bias)

PINS: (P1,P2),(P7,P8)=350uH MINIMUM

3.DCR:

PINS:(J1-J2),(J3-J6)= 1.2 DHMS MAXIMUM

4.HIPOT:

PINS(P1,P3,P2)TO(J1,J2)=1500VAC FOR 60 SECONDS

PINS(P7,P6,P8)TO(J3,J6)=1500VAC FOR 60 SECONDS

5.INSERTION LOSS:

-1.0dB MAXIMUM AT 0.3MHz TO 100MHz;

6.RETURN LOSS:

-20dB MINIMUM AT 1MHz TO 30MHz;

-15dB MINIMUM AT 30MHz TO 60MHz

-10dB MINIMUM AT 60MHz TO 80MHz

7.CROSS TALK:

-30dB MINIMUM AT 1MHz TO 100MHz

8.COMMON TO COMMON MODE REJECTION:

-30dB MINIMUM AT 1MHz TO 100MHz

QC : Inspection Item CPK : Cp/Cpk and SPC Control Item	DIMENSION IN mm [Inch]		深圳市创勤科技有限公司 SHENZHEN CHUANGQIN TECHNOLOGY CO., LTD.	
	TOLERANCE UNLESS OTHERWISE SPECIFIED		专案号 FILE NO.	图号 DWG NO. HRJR-B01C00A060NL
	.X± 0.20	X.°± 1°	名称 TITLE rj45 Connectors, W/O LED, 8P8C, top entry, 100 Mbps /FILTER	
	.XX± 0.15	.X°± 0.5°		
.XXX± 0.075		核准 APPROVE	制图 DRAW Oscar	数量 SHEET 1 / 1
		审核 CHECK	比例 SCALE 1:1	图框 SIZE A3
			更改 REV A	