

Recommended P.C.Board Layout



SPECIFICATIONS

Electrical

Current Rating: 1.5A AC(rms)/DC
Voltage Rating: 125V AC(rms)/DC
Contact Resistance: 30 mΩ Max
Insulation Resistance: 500 MΩ Min / DC 500V
Withstanding Voltage: 1000V AC r.m.s
Operating Temperature: -40°C~+85°C

Mechanical

Durability: 750 cycles Min.
Mating force: 2.2KG.F Max.
Retention force: 7.7KG.F between jack and plug

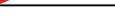

Material and plating

Housing: PA66 (UL 94V-0), Black
Contact: Phosphor Bronze/ Selective gold in contact area, tin on tail
Shell: Brass/ Nickel plated

Ordering Information

FRJ45 080 — 1 3 XX K6 K 0 1 0 0
1 2 3 4 5 6 7 9

1 Category FRJ45-RJ45 Connector	2 Distinction No. 080	3 Ports options 1-1 Port	4 Plating 3-Selective gold in contact area, tin on tail
5 Thickness of plating 00-Gold flash 02-2μ" Custom plate available	6 Color-Resin K6-Black	7 Packaging K-Tray	9 Contact type 1-Square pin

 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 16/SEP/18	PART NO. FRJ45080-13XXK6K0100	ITEM NO. FRJ45080	 3K-KAMING	
		X.±0.12(0.30)	X.*±5'	CHECKED BY	DATE	TITLE RJ45 Connector 8P8C 90° Angle			
DESIGN UNITS Inch (metric)		X.X±.008(0.20)	X.*±2'	CHERRY	16/SEP/18			REV 0	
SCALE 5:1	SIZE A4	X.XX±.006(0.15)	X.X*±1'	DRAWN BY KATE	DATE 16/SEP/18	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO DONG GUAN LANG LUN(3K-KAMING) ELECTRONIC PRODUCTS CO., LTD. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
		X.XXX±.004(0.10)	X.XX*±0.5'						