

RoHS COMPLIANT

PRODUCT SPECIFICATION

ELECTRICAL:

1. INSULATION RESISTANCE:500 MEGOHMS MIN @ 500V DC
2. DIELECTRIC WITHSTANDING RESISTANCE:1000V AC RMS 50HZ.1MIN
- 3.CONTACT RESISTANCE:50 MILLIOHMS MAX
4. VOLTAGE RATING:125 VAC RMS
5. CURRENT RATING:1.5 AMP

MECHANICAL:

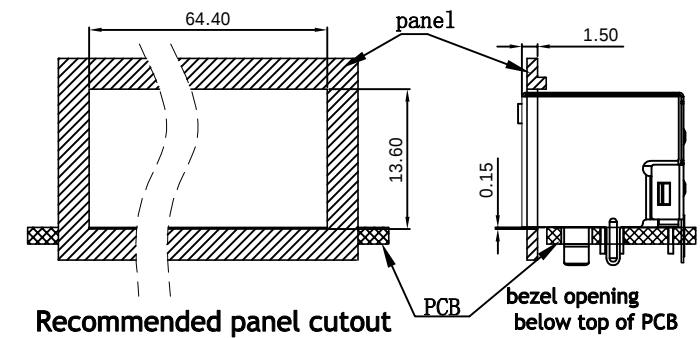
- 1.DURRABIITY:750 CYCLES MIN
- 2.PCB RETENTION PRE-SOLDER:1 LB MIN

ENVIRONMENTAL:

- 1.STORAGE:-40-85 °C
- 2.OPERATION:0-70 °C
- 3.HUMIDITY:<80%

MATERIAL:

- 1.HOUSINGS:PA46 UL94V-0
- 2.TERMINAL:T=0.35mm flat terminal
- 3.TERMINAL PLATING: SEE PART NUMBER INFORMATION
- 4.SHIELD:COPPER ALLOY 0.20mm THICKNESS PLATING NI



Part number Information:

DW-RJ45-D00436-XX TP -05 -2

Contact Plating

- 01:Gold Flash Plating on Mating Area
- 03:3u" Gold Plating on Mating Area
- 05:5u" Gold Plating on Mating Area
- 15:15u" Gold Plating on Mating Area
- 30:30u" Gold Plating on Mating Area

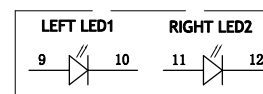
TP:Tray Packing

Contact Material&LED Colour

- 01:W/O LED
- 02: Ø0.46mm round terminal LED1 GREEN LED2 YELLOW
- 03: Ø0.46mm round terminal LED1 YELLOW LED2 GREEN
- 05: T=0.35mm flat terminal LED1 GREEN LED2 YELLOW
- 06: T=0.35mm flat terminal LED1 YELLOW LED2 GREEN

Pin Length:

- 1:2.75 mm
- 2:2.30 mm



LED PIN DEFINE

RECOMMENDED P.C.B.LAYOUT

ALL TOLERANCES ARE±0.05

						Angle	±2°	DESIGN	Michael	2025.05.09		 龍威電子有限公司 Dragon Well Ele Dragon Well Electronics Co.,Ltd		
						X.X	±0.20	CHECK	Jason	2025.05.09			TITLE:	RJ45 1*4 W/ LED W/shield 8P8C
						X.XX	±0.10	APPROVAL	Rix	2025.05.09			MODEL NO.	DW-RJ45-D00436-XXTP-05-2
	A-0	2025.05.09	New	Michael	Rix	X.XXX	±0.05							
ECN NO.	REV	DATE	DESCRIPTION	CHANGE	APPRO.	GENERAL TOLERANCE UNLESS OTHERWISE NOTED		SCALE: N/A	UNIT:mm	A4		SHEET: 1 of 1	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO DRAGON WELL AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	