



PCB LAYOUT COMPONENT SIDE
TOLERANCE ±0.05, THICKNESS=1.6MM

SPECIFICATIONS

- Voltage Rating: 125 VAC RMS
- Current Rating: 1.5 AMP
- Contact Resistance: 45 milliohms max.
- Insulation Resistance: 1000 megohms min @ 500 VDC.
- Withstanding: 1000 V AC or 1500V DC RMS
- Housing: PA66+30%GF UL94V-0, Black
- Contact: Phosphor Bronze
- Contact Plating: Selective Gold on Contact
Tin over Nickel on Tails
- Mating/Unmating Force: 22N / 2.27kg max.
- Retention Strength: 57.83N min.
- Operating Life: 750 cycles min.
- Storage Temp: -10C to +40C
- Operating Temp: -40C to +85C

Category 5/5E Characteristic

Frequency	Near-End Cross Talk dB, MIN.	Return Loss dB, MIN.	Attenuation dB, MAX.
1.0 MHZ	65	23	0.1
4.0 MHZ	65	23	0.1
8.0 MHZ	62	23	0.1
10.0 MHZ	60	23	0.1
16.0 MHZ	56	23	0.2
20.0 MHZ	54	23	0.2
25.0 MHZ	52	14	0.2
31.25 MHZ	50	14	0.2
62.5 MHZ	44	14	0.3
100.0 MHZ	40	14	0.4

RoHS compliant

Series	Positions	Contacts	Style	Color	Plating	Options
CTJ	8	08	E658	BK	P2	XX
Modular jack, single position	8 positions	8 contacts	E658 style	BK=Black	P2=30µ" gold	[blank]=None FS=Full shield WF=Without flange

Rev.	Description	Date	Approved	Drawing	Name	Date
				Approved	Howard	11/06/07
				Checked	Lizzy	11/06/07
				Drawn	Tina	11/06/07
				0.0 ± 0.35	0.00 ± 0.20	Angles ± 3'
				UNIT: mm		

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Part No.: **CTJ-8-08-E658-BK-P2-WF**

Description: Phone jack, PCB mount, Cat 5/5E