



SPECIFICATIONS

Contact material: Phosphor bronze C5210 EH—0.35mm Thickness
 Contact plating: Plating(1) Nickel, Plating(2) 100%Sn
 Housing material: PBT-4830 +30% GF UL 94V-0
 Shield material: Nylon +25% GF (Fr50) UL94V-0
 Shield plating: Brass C2680 H.—0.25mm Thickness
 Nickel
 Temperature range: 0°C to +70°C
 Storage Temp: 0°C to +85°C
 Soldering Temp: 230 ~ 250°C (3 ~ 5 Seconds)
 Insert Material: Phosphor bronze C5210 EH—0.35mm Thickness
 Insert—PBT+30%GF UL94V-0
 Plating(1) Nickel, Plating(2) 100%Sn, Plating(3) Gold (3u “ ~50u “)
 Operating Life: 750 Cycles MIN.
 Turn Ratio(±5%): TX=1CT:1, RX=1CT:1CT
 OCL(100KHZ/0.1V@8mA): 350uH MIN.
 HI-Pot Test: 1500Vrms/0.5mA/60Sec

RoHS compliant

	0.3-1MHz	1-15MHz	15-60MHz	60-80MHz	80-100MHz
Insertion Loss (dB Max):	-1.0dB	-0.3dB	-0.6dB	-1.1dB	-1.1dB
Return Loss (dB TYP):	-18dB	-18dB	-18dB	-15dB	-12dB
Cross Talk (dB TYP):	-43dB	-43dB	-43dB	-38dB	-38dB
TX CMR (dB TYP):	-46dB	-46dB	-46dB	-42dB	-42dB
RX CMR (dB MIN):	-35dB	-35dB	-35dB	-33dB	-33dB

Rev.	Description	Date	Approved	Drawing	Name	Date
				Approved	Howard	11/26/07
				Checked	Lizzy	11/26/07
				Drawn	Tina	11/26/07
				0.0 ± 0.35	0.00 ± 0.20	Angles ± 3'
				UNIT: mm		

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Part No.: **CTJ-8-08-46F1235GY-BK-P1-FS-PG6**

Description: 10/100 Base-T Single Port RJ-45 Jack