



**SPECIFICATIONS**

- Turn ratio: Tx 1:1; Rx 1:1
- Insertion loss: -0.1dB max. 0.1 to 100 MHz
- Return loss: -16dB 1-30 MHz; -10dB 30-80MHz
- Cross talk: -40dB at 30MHz; -35dB at 60MHz; -30dB at 100MHz
- Common mode reject.: -35dB at 30MHz; -30dB at 60MHz; -25dB at 100MHz
- OCL: 350uH min. at 100KHz/0.1V 8mA DC
- Leakage induct.: 0.3uH max./1MHz P6,7,8 (J3&6 shorted)  
0.6uH max./1MHz P1,2,3 (J1&2 shorted)
- Primary to secondary cap.: 25pF max./1MHz P6,7,8 (J3-6 shorted)  
25pF max./1MHz P1,2,3 (J1-2 shorted)
- DCR: 1 ohm max. J1-2 and J3-6
- Hipot test: 1500 VRMS min.

Series	Positions	Contacts	Body Style	LED	Color	Plating	Options	Panel Grounds
CTJ	8	08	46F1203	YG	BK	PX	XX	PGX
Modular jack	8 positions	8 contacts	46F1203 style	Y=Yellow LED (left) G=Green LED (right)	BK=Black	P1=15μ" gold P2=30μ" gold P3=50μ" gold	[blank]=None FS=Full shield	1=Top (single) 2=Top 4=Sides 6=Top & sides

RoHS compliant

Rev.	Description	Date	Approved	Drawing	Name	Date
				Approved	Howard	10/22/03
				Checked	Lizzy	10/22/03
				Drawn	Tina	10/22/03
				0.0 ± 0.35	0.00 ± 0.20	Angles ± 3'
				UNIT: mm		

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Part No.: **CTJ-8-08-46F1203YG-BK-P1-FS-PGX**

Description: RJ45 with magnetics for 10/100 base-T single port