



**SPECIFICATIONS**

Turn ratio±5%:	1CT:1CT
OCL (100KHz/0.1Vrms@8mA):	350µH min.
Insertion loss (dB max.):	-1.2dB (0.3-100MHz)
Return loss: TX&RX (dB min.@100 ohms):	-16dB (1-30MHz), -13.5dB (40MHz), -11.5dB (50MHz), -10dB (60-80MHz)
Cross talk (dB min.):	-40dB (30MHz), -36dB (60MHz), -30dB (100MHz)
Hi-pot test:	1,500 Vrms min.
Operating temperature:	0°C to +70°C

Series	Positions	Contacts	Body Style	Ground Tab	Color	Plating	Options	Panel Grounds
CTJ	8	08	48F01LGY	D1	BK	P1	FS	PG6
Modular jack	8 positions	8 contacts	Side entry with magnetics and LEDs	D1=3.05mm offset	BK=Black	P1=15µ" gold P2=30µ" gold P3=50µ" gold	FS=Full shield	PG6=Top & sides

RoHS compliant

Rev.	Description	Date	Approved	Drawing	Name	Date
				Approved	Howard	08/10/99
				Checked	Lizzy	08/10/99
				Drawn	Tina	08/10/99
				0.0 ± 0.35	0.00 ± 0.20	Angles ± 3'
				UNIT: mm		

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Part No.: **CTJ-8-08-48F01LGY-D1-BK-P1-FS-PG6**

Description: RJ-45 jack, 1000 Base-T, single port, magnetics, LEDs