

Medical
electric
equipmentPower
Factor
CorrectionWorld
wideSafety
Approvals

EMI

Inrush
current
limiting

OCP



OVP

Remote
ON/OFFParallel
Operation

1U

G-series



■ Features

ROHS Compliant (pb free)

Meets or exceeds IEEE802.3 standards including 350uH Min OCL with 8mADC

High performance for EMI suppression , Crosstalk, Return loss and Consistent Electrical

Minimum 1500Vrms isolation per IEEE802.3 requirement

Minimize PCB space and Simplify PCB Layout

Less magnetic components to be placed on PCB, higher reliability and yields

OPERATING TEMPERATURE: 0°C~+70°C

STORAGE TEMPERATURE: -40°C~+85°C

■ ROHS REACH marking

■ CE FCC marking

3. Specifications

Electrical Specification@25° C Operating Temperature 0 to +70° C							
Part NO	OCL primary@100KHz 0.1Vms 8mA	Leakage primary@10KHz 0.1Vms	LED Specification				
			Standard LED	Wavelength	Forward V(Min/Max)	Forward A	Type
GTA14DRJ03	350uH Min	0.5uH max	Green	568nm	1.8v/2.8v	20mA	squareness
			Yellow	585nm	1.8v/2.8v	20mA	squareness

Electrical Specification@25° C Operating Temperature 0 to +70° C									
Part NO	Insertion loss(dB max) 1-100MHz	Return Loss(db min)MHz				DMRR(dB min)MHz		Crosstalk(dB min)MHz	Isolation Voltage(Chip side to UTP)
		1-30	40	50	60-100	1-60	60-100	1-100	
GTA14DRJ03	-1.2	-18	-18	-16	-12	-50	-50	-30	1500V/AC

4. Schematic&LED

