Solid State Relay Selector Chart

7 RELAYS

G2 Series - Solid State Relays

			Contact Form									
			Normally Open						Normally Closed		1 Normally Open & 1 Normally Closed	
Operating Parameters	Switching Voltage	(dc/pk-ac)	400			250	150	15	400	250	400	250
	Switching Current	(mA)	150		120	150	500	250	150	200	150	200
	On Resistance	(Ω)	24	18	35	18	3	8	20	13	24	13
	Current Limit	(Typ.; mA)	380	n/a	380	380	n/a	n/a	n/a	n/a	380*	380*
Relay Configuration	Single Channel	Model #	G2-1A02	G2-1A03	G2-1A05	G2-1A06	G2-1A07		G2-1B01	G2-1B02		
	(1 Input/1 Output)		(Fig. #1)	(Fig. #1)	(Fig. #1)	(Fig. #1)	(Fig. #1)		(Fig. #1)	(Fig. #1)		
	2 Channel	Model #						G2-2A03				
	(1 Input/2 Outputs)							(Fig. #2)				
	Dual Channel	Model #	G2-DA01	G2-DA03	G2-DA02	G2-DA06			G2-DB01	G2-DB02	G2-AB01	G2-AB02
	(2 Inputs/2 Outputs)		(Fig. #3)	(Fig. #3)	(Fig. #3)	(Fig. #3)			(Fig. #3)	(Fig. #3)	(Fig. #3)	(Fig. #3)
	Telecom	Model #		G2-1T01								
	(1 Relay/1 Current Sensor)			(Fig. #4)								

Input to Output Isolation: 3750 Vrms for all models

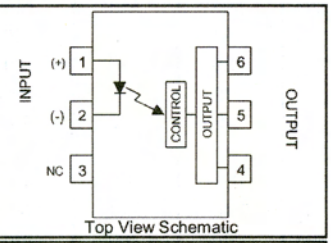
(*) = Current Limit on Normally Open Contact Only

SCHEMATIC DRAWINGS

Figure #1 — Single Channel

Model #
G2-1A02
G2-1A03
G2-1A05
G2-1A06
G2-1A07

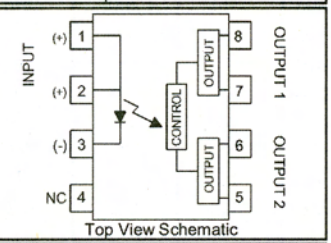
G2-1B01
G2-1B02



Top View Schematic

Figure #2 — Two Channel

Model #
G2-2A03



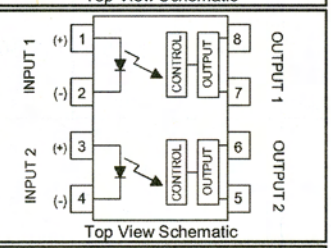
Top View Schematic

Figure #3 — Dual Channel

Model #
G2-AB01
G2-AB02

G2-DA01
G2-DA02
G2-DA03
G2-DA06

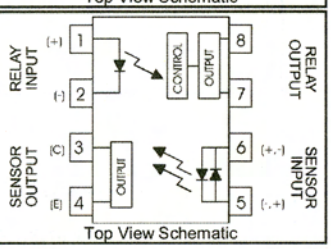
G2-DB01
G2-DB02



Top View Schematic

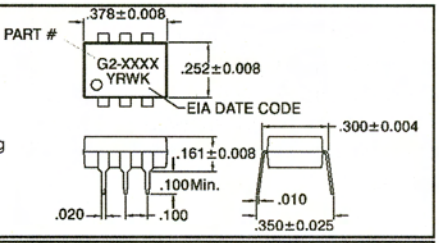
Figure #4 — Telecom Relay

Model #
G2-1T01

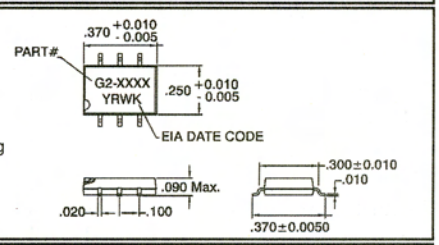


Top View Schematic

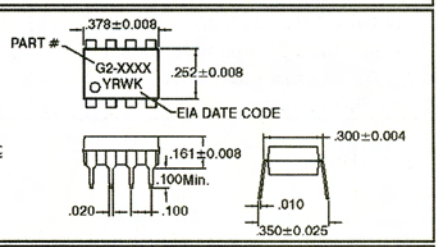
PACKAGE DRAWINGS



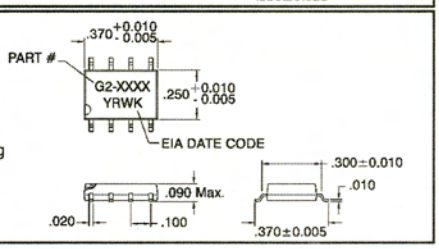
6-Pin DIP Package Drawing



6-Pin SOP Package Drawing



8-Pin DIP Package Drawing



8-Pin SOP Package Drawing

Ordering Information

For Relays in DIP package shipped in Tubes : G2-xxxx-TT
For Relays in SOP package shipped in Tube : G2-xxxx-ST
For Relays in SOP package shipped in Tape & Reel : G2-xxxx-SR
Specific Model Number as noted above.

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