

## 100/1000BASE-T QUAD TRANSFORMER MODULES

- ◆ Compliant with IEEE802.3 and ANSI X3.263 standards Including 350uH OCL with 8mA Bias.
- ◆ Quad Channel Interface For 100/1000 Mbps Ethernet Applications
- ◆ Comply With ROHS



### ELECTRICAL SPECIFICATIONS@25°C (Operating Temperature :0°C to 70°C)

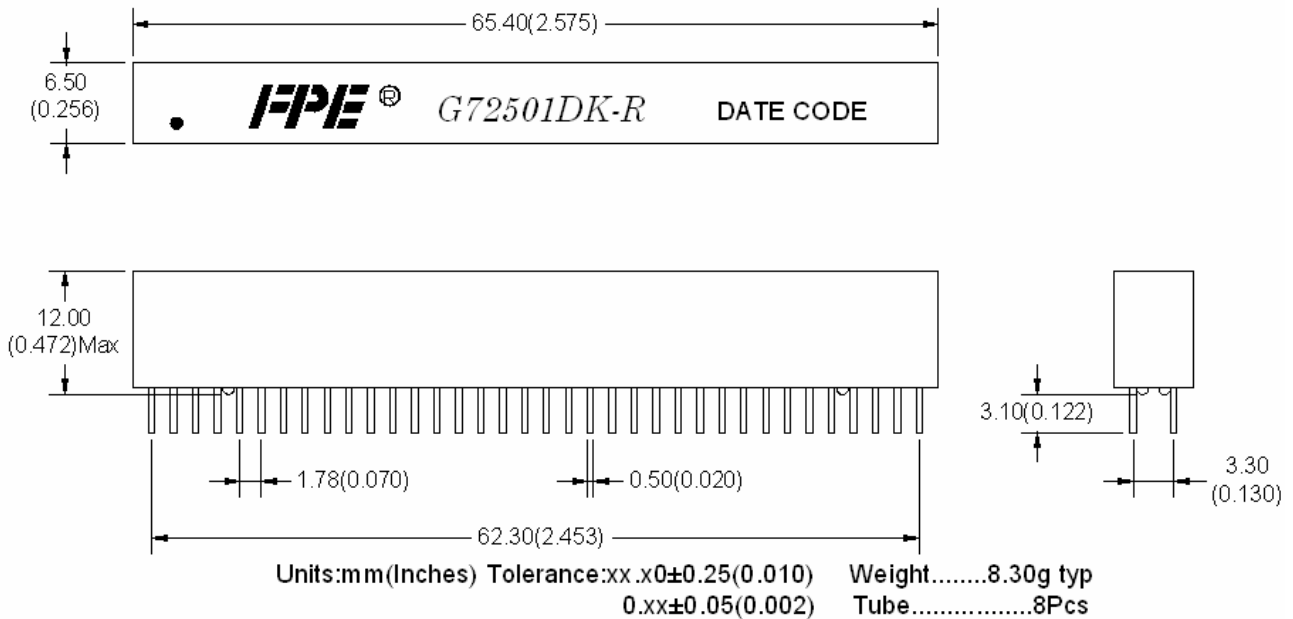
Part Number	Turns Ratio ±5%	Insertion Loss(dB max) 1-100MHz	Return Loss (dB min)				CMRR (dB min)			Cross Talk (dB min)			Hipot (vrms)
			1-30 MHz	30-60 MHz	60-80 MHz	80-100 MHz	1-30 MHz	30-60 MHz	60-100 MHz	1-30 MHz	30-60 MHz	60-100 MHz	
G72501DK-R	1:1	-1.0	-18	-14	-12	-10	-40	-35	-30	-45	-35	-30	1500
G72503DK-R	1:1	-1.0	-18	-14	-12	-10	-40	-35	-30	-45	-35	-30	1500
LG72502DF	1:1	-1.0	-18	-14	-12	-10	-40	-35	-30	-45	-35	-30	1500
LG72508DF-E*	1:1	-1.0	-18	-14	-12	-10	-40	-35	-30	-45	-35	-30	1500

Note:

\* Halogen Free requirements

### MECHANICAL

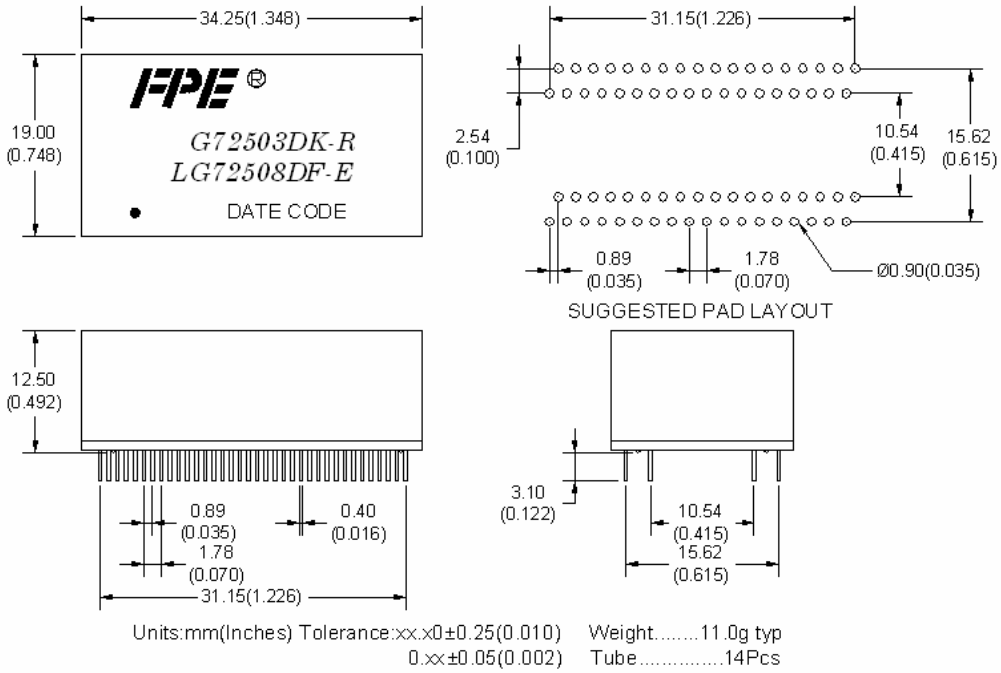
#### G72501DK-R



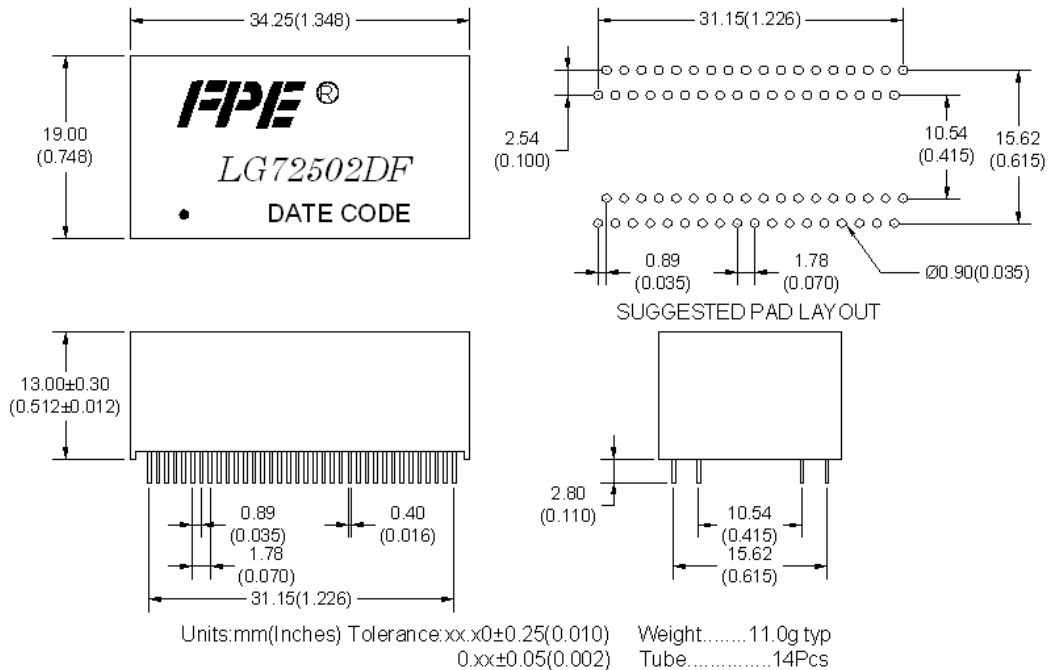
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## MECHANICAL(Continued)

### G72503DK-R, LG72508DF-E



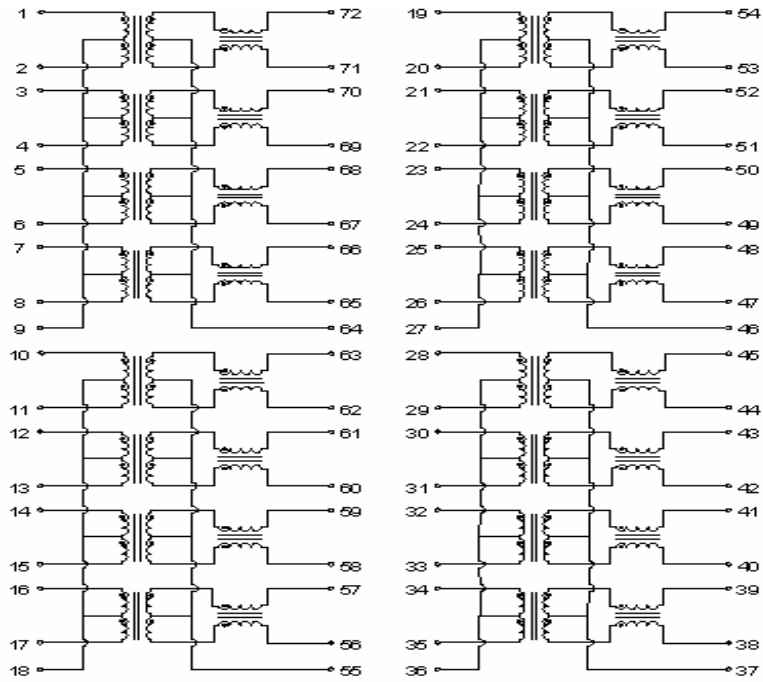
### LG72502DF



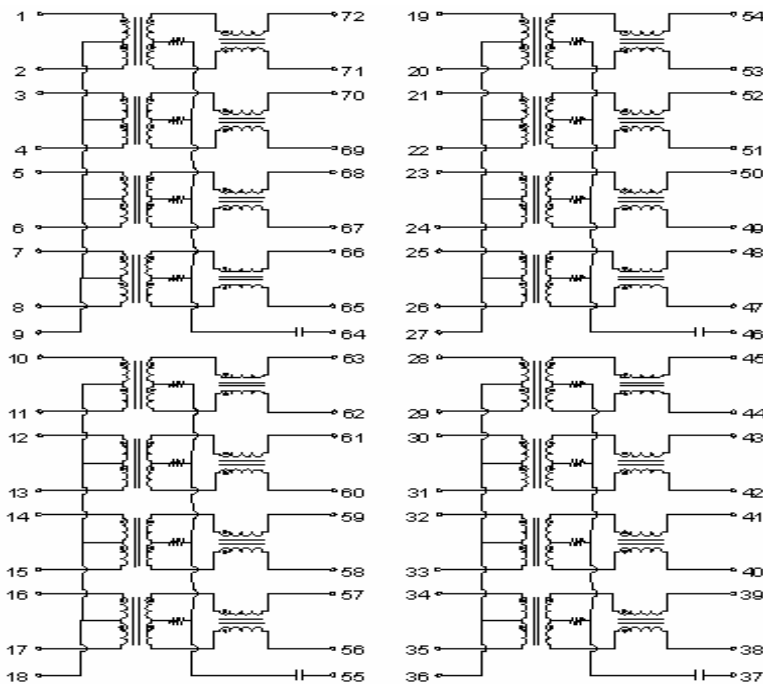
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## SCHEMATICS

### G72501DK-R, LG72502DF



### G72503DK-R



# 100/1000BASE-T QUAD TRANSFORMER MODULES

## SCHEMATICS(Continued)

### LG72508DF-E

