

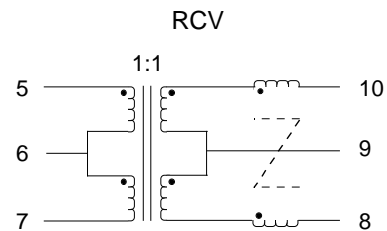
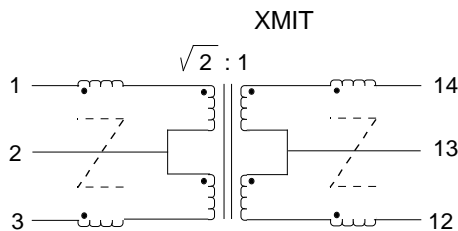
# High Speed LAN Interface Module for QSI 6611/6612

- Features**
- Complies with or exceeds IEEE 802.3, 10BT/100BX requirements
  - Fully functional at 70 °C with 8 mA DC Bias per 100
  - Developed under ISO 9000 provisions
  - Construction withstands IR/VP processes

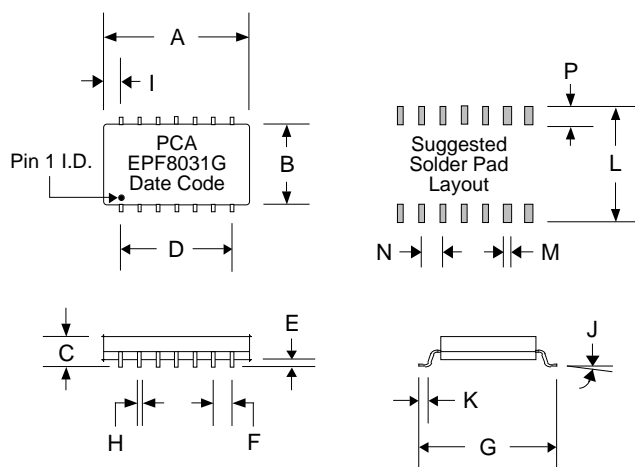
PCA Part Number(s)		EPF8031G			
Electrical Specifications @ 25°C					
Parameter	Frequency	Specification	XMIT	RCV	Unit
Insertion Loss	1-100 MHz	Under Matched Condition	-1.0	-1.0	dB Max.
Isolation		1500 (for 1 minute)			Vrms
Return Loss	5-10 MHz	(See Note 1)	-20	-20	dB Min.
Return Loss	10-100 MHz	(See Note 1)	-10	-10	dB Min.
Common to Diff. Rejection	30-100 MHz		-30	-30	dB Min.
Crosstalk	1-100 MHz	Between Channels	-40	-40	dB Min.
OCL (Specified DC Bias)	100 KHz, 0.1V	Across 14-12 and 10-8 (See Note 2)	350	350	µH Min.
Impedance Ratio			200:100	100:100	

**Notes :** 1. @ pins 14-12 ; pins 1-3 terminated with 200 .  
 @ pins 10-9 ; pins 5-7 terminated with 100 .  
 2. 8 mA DC Bias @ 70 °C

## Schematic



## Package



## Dimensions

Dim.	(In Inches)		
	Min.	Max.	Nom.
A	.790	.810	
B	.510	.530	
C	.074	.084	
D	.600	Typ.	
E	.001	.005	
F	.100	Typ.	
G	.660	.680	
H	.015	.021	
I	.100	Typ.	
J	0°	8°	
K	.025	.045	
L			.720
M			.030
N			.100
P			.092