

10 Base-T Interface Module with Enhanced Common Mode Attenuation

EPE6356S

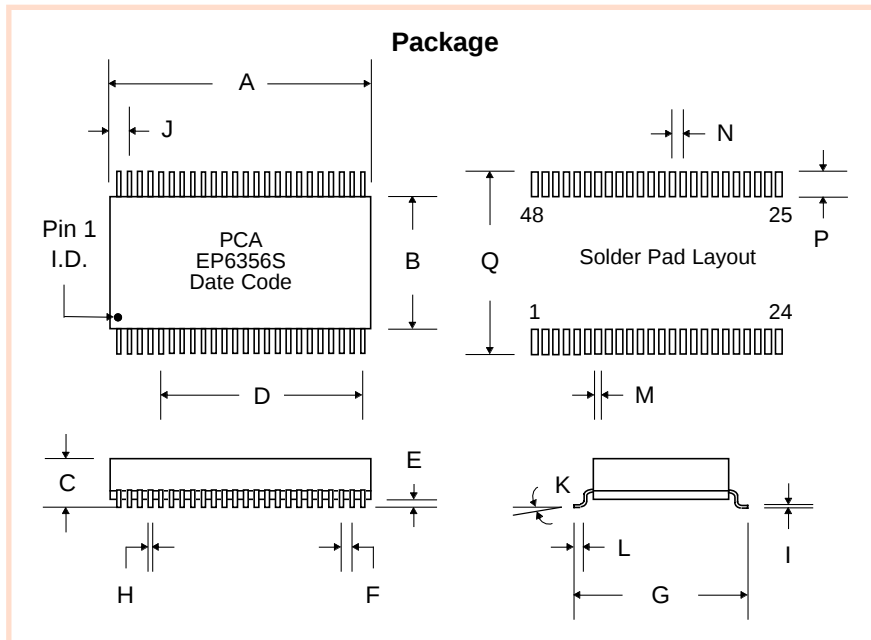
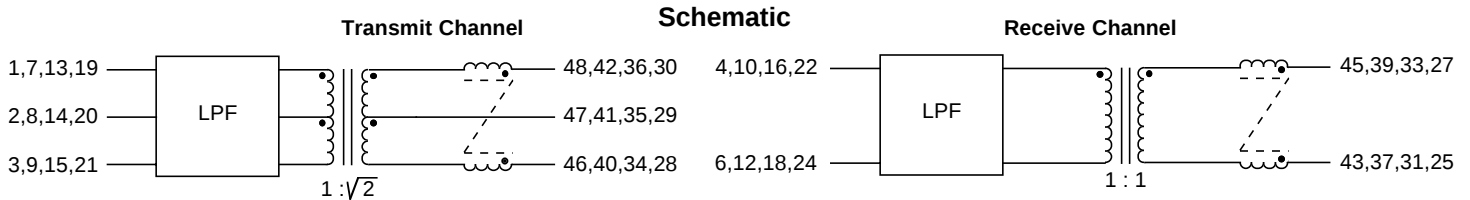


- General Purpose 10 Base-T Filter Module •
- Complies with or exceeds IEEE 802.3, 10 Base-T Requirements •

Electrical Parameters @ 25° C

Cut-off Frequency (MHz)		Insertion Loss (dB Max.)		Return Loss (dB Min.)		Attenuation (dB Min.)								Common Mode Rejection (dB Min.)						Crosstalk (dB Min.)	
Ref. MHz		1-10 MHz		5-10 MHz		@ 20 MHz		@ 25 MHz		@ 30 MHz		@ 40 MHz		@ 50 MHz		@ 100 MHz		@ 200 MHz		@ 1-10 MHz	
Xmit	Rcv	Xmit	Rcv	Xmit	Rcv	Xmit	Rcv	Xmit	Rcv	Xmit	Rcv	Xmit	Rcv	Xmit	Rcv	Xmit	Rcv	Xmit	Rcv		
19	19	-1	-1	-15	-15	---	---	-5	-5	-10	-10	-16	-16	-40	-40	-30	-30	-25	-25	-30	

- **Isolation** : meets or exceeds 802.3 IEEE Requirements • **Characteristic Filter Impedance** : 100 Ω •
- Referenced to the Output Level Fundamental Frequency @ 5 MHz •



Dimensions

Dim.	(Inches)			(Millimeters)		
	Min.	Max.	Nom.	Min.	Max.	Nom.
A	1.245	1.265	1.255	31.62	32.12	31.88
B	.700	.720	.710	17.78	18.29	18.03
C	.290	.310	.300	7.37	7.87	7.62
D	---	---	1.150	---	---	29.20
E	.010	.015	.012	.254	.381	.305
F	---	---	.050	---	---	1.27
G	.840	.860	.850	21.34	21.84	21.60
H	.016	.022	.029	.406	.559	.483
I	.008	.012	.010	.203	.305	.254
J	---	---	.085	---	---	2.16
K	0°	8°	---	0°	8°	---
L	.025	.045	.035	.635	1.14	.889
M	---	---	.030	---	---	.762
N	---	---	.050	---	---	1.27
P	---	---	.090	---	---	2.29
Q	---	---	.900	---	---	22.90