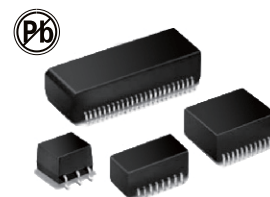


10/100 BASE-T COUPLING TRANSFORMER FALAN-100 ,125 SERIES



FEATURES:

IEE 802.3u and ANSI X.3.263
SMT Pick & Place Available
Miniature size

OPTIONS:

Tape & Reel is Standard
Custom Design Available

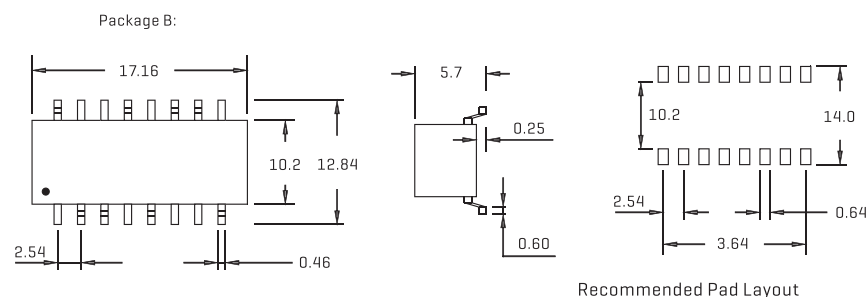
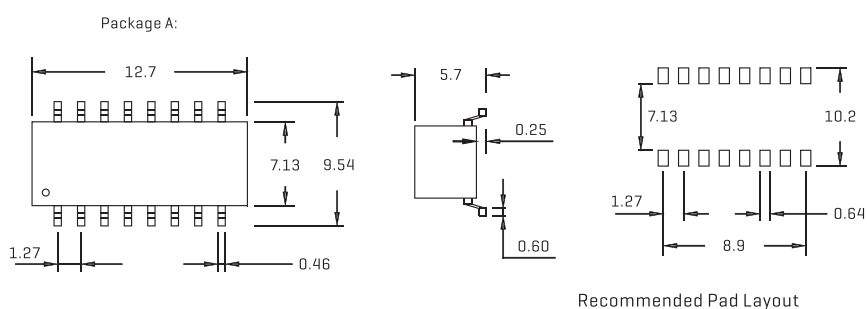
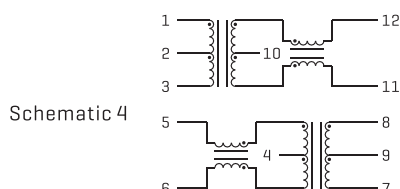
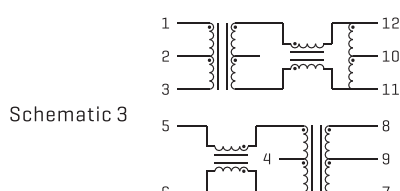
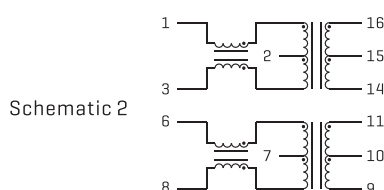
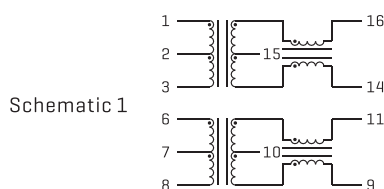
COMMON APPLICATIONS:

10/100 Base-T Single Port

STANDARD SPECIFICATIONS

Part number	Turns Ratio $\pm 2\%$		Insertion Loss 1-100MHz [dB Max]	Cross Talk 0.1-100MHz [dB Max]	CMR 0.1-100MHz [dB Max]	Return Loss[dB Max]			SCH	Package
	TX	RX				30MHz	50MHz	80MHz		
FALAN-101	1CT:1CT	1CT:1CT	1:1	35	30	18	15	13	1	A
FALAN-102	1CT:1CT	1CT:1CT	1:1	35	30	18	15	13	2	A
FALAN-103	2CT:1CT	1CT:1CT	1:1	35	30	18	13	13	1	A
FALAN-104	1.41CT:1CT	1CT:1CT	1:1	35	30	18	13	13	1	A
FALAN-121	1CT:1CT	1CT:1CT	1:1	38	42	18	13	12	3	B
FALAN-122	1CT:1CT	1CT:1CT	1:1	38	38	16	13	12	4	B
FALAN-123	2CT:1CT?	1CT:1CT	1:1	38	35	16	13	12	4	B
FALAN-124	1CT:1.41CT	1CT:1CT	1:1	38	42	16	13	12	3	B
FALAN-125	1CT:1.41CT	1CT:1CT	1:1	38	38	16	13	12	4	B

Primary OCL TX & RX:350uH Min @ I_{dc}=8mA
Hi-Pot:1500VRMS



TECHNICAL INFORMATION:

Dimension:mm
Soldering methods:Wave,Reflow
Operating Temperature:0°C to 70°C
Storage Temperature:-55°C to 125°C
Note:All specifications subject to change without notice