

PART NO. : FD22-101R1RL

10BASE-T FILTER & IMPEDANCE MATCHING MODULE
MEET AND EXCEED 802.3 REQUIREMENTS

LEAD-FREE/RoHS COMPLIANT

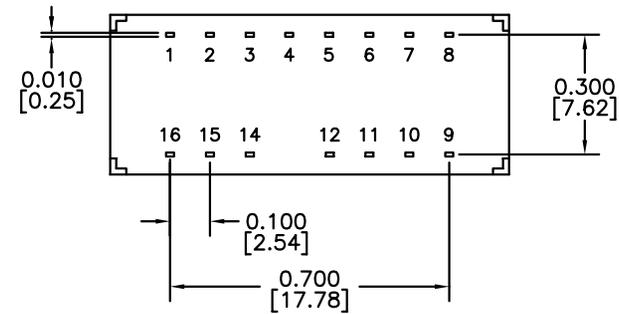
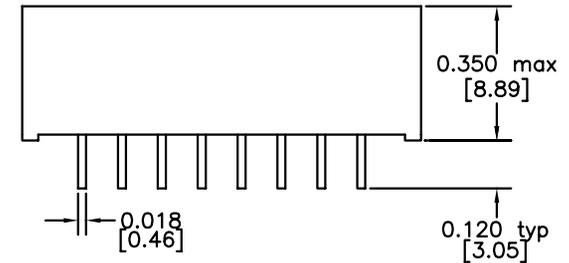
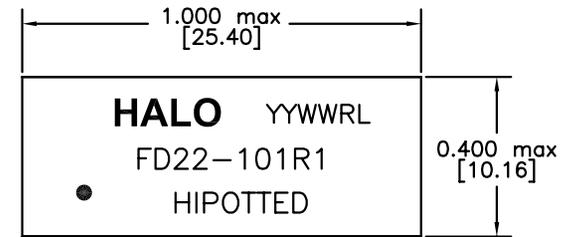
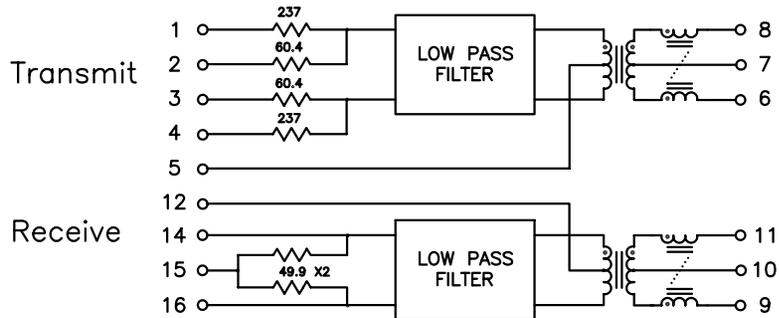
COMPATIBLE TO LEAD-FREE WAVE SOLDERING PROCESS
FOR THROUGH HOLE COMPONENTS

OPERATING TEMPERATURE 0/70°C



ELECTRICAL SPECIFICATIONS @25° C

I/O IMPEDANCE	
TRANSMIT	100/100 ohms
RECEIVE	100/100 ohms
INSERTION LOSS 5-10MHz	-1dB max
RETURN LOSS 5-10MHz	-15dB min
CROSSTALK 1-10MHz	-30dB min
ATTENUATION @30MHz	
TRANSMIT	-27dB min
RECEIVE	-18dB min
CUT OFF FREQUENCY	17MHz typ
ISOLATION VOLTAGE	2000Vrms



DIMENSIONS: Inch [mm]
TOLERANCES: ±0.005 IF NOT SPECIFIED

HALO/PBL

CALIFORNIA, USA
KOWLOON, HONG KONG
SINGAPORE

TITLE	ISOLATION MODULE		SIGNATURES	DATE	REV.	DESC.	DATE
FOR	10BASE-T		DRAWN	PETER LU	5/30/06	B	UPDATE MECH PKG 6/22/06
PART NO.	FD22-101R1RL		CHECKED				
SCALE	NONE	PAGE	1 OF 1	APPROVED			
				FILE	FD22-101R1RL.DWG		

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[HALO Electronics:](#)

[FD22-101R1RL](#)