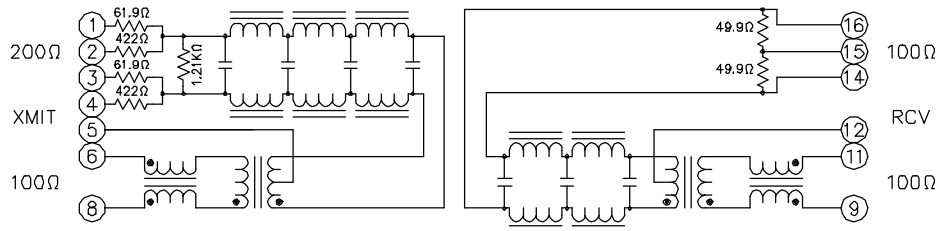


## Electrical

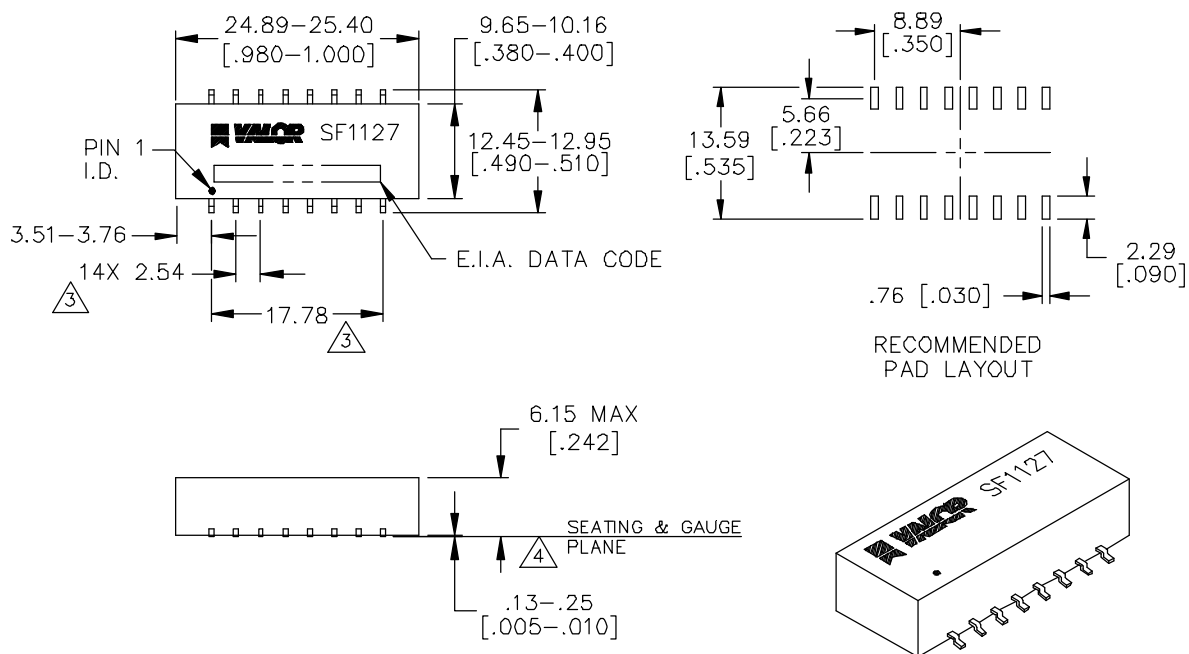


ELECTRICAL SPECIFICATIONS @ 25°C

TYPE	TRANSMITTER FILTER: : 7 POLE, BALANCED LOW-PASS, 100Ω	RECEIVER FILTER: : 5 POLE, BALANCED LOW-PASS, 100Ω
*CUT-OFF FREQ	: 17MHz ± 1MHz	: 17MHz ± 1MHz
INSERTION LOSS	: 3.0dB MIN TO 5.0dB MAX (1-10MHz)	: 1.2dB MAX (1-10MHz)
IMPEDANCE	: 200Ω	: 100Ω
* ATTENUATION @ 20MHz	: 7dB MIN	: 5dB MIN
@ 25MHz	: 18dB MIN	: 11dB MIN
@ 30MHz	: 30dB MIN	: 16dB MIN
@ 40MHz	: 33dB MIN	: 26dB MIN
ISOLATION	: 1500VRMS FOR 1 MINUTE (INPUT TO OUTPUT) (1, 2, 3, 4 AND 5 TO 6 AND 8)	: 1500VRMS FOR 1 MINUTE (INPUT TO OUTPUT) (12,14,15 AND 16 TO 9 AND 11)
COMMON MODE REJECTION	: 30dB MIN (1-300MHz)	: 25dB MIN (1-300MHz)
RETURN LOSS	: 15dB MIN (5-10MHz)	: 15dB MIN (5-10MHz)
CROSS TALK ATTENUATION	: 35dB MIN (1-10MHz) BETWEEN CHANNELS	
ISOLATION	: 200VRMS FOR 1 MINUTE (6 AND 8 TO 9 AND 11)	

\* REFERENCED TO FILTER OUTPUT @ 5.0MHz.

## Mechanical



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