

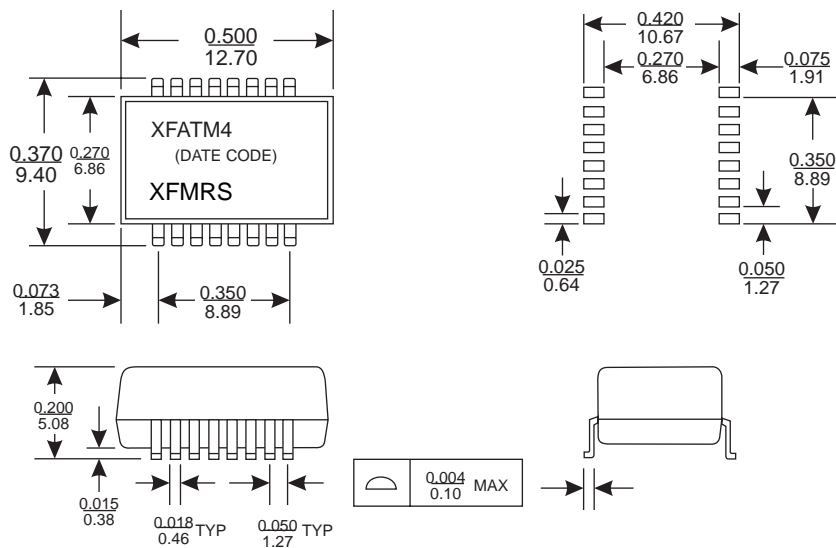
## HIGH SPEED LAN MAGNETICS MODULES

- SUPPORTS TWISTED PAIR FDDI, 100 BASE-TX, AND ATM TRANSMISSION
- COMMON MODE FILTERING FOR REDUCED EMI AND NOISE SUSCEPTIBILITY
- 350uH MIN PRIMARY INDUCTANCE WITH 8mA DC CURRENT FOR LOW BASELINE - WANDER
- SURFACE MOUNT PACKAGING
- DESIGNED TO WITHSTAND INFRARED AND VAPOR PHASE SOLDERING
- FOR USE WITH SHIELDED AND UNSHIELDED CABLE
- AVAILABLE IN TAPE & REEL

### ELECTRICAL SPECIFICATIONS @ 25° C

Part Number	Insertion Loss (dB TYP)	Rise Time (ns TYP)	Return Loss (nB TYP)	Common Mode Rejection (dB TYP)			HIPOT (Vrms MIN)
				1.0 - 60 MHz	60 - 100 MHz	100 - 150 MHz	
XFATM4	-1.0	2.5	-15	-35	-30	-25	500
XFATM5	-1.0	2.5	-15	-35	-30	-25	500

### MECHANICALS



Unless otherwise specified, all tolerances are =  $\frac{0.005}{0.127}$

Dimensions:  $\frac{\text{Inches}}{\text{mm}}$

### SCHEMATIC

