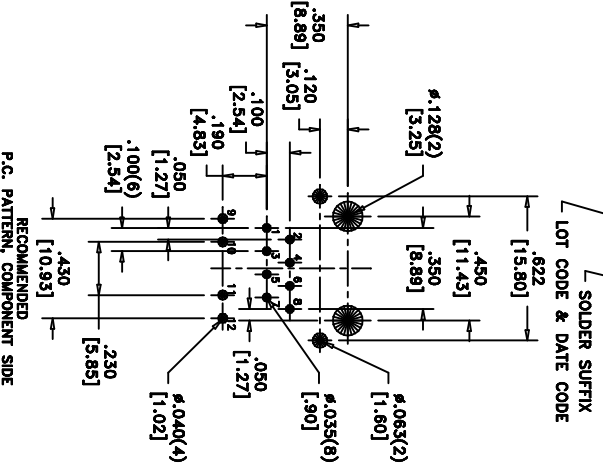
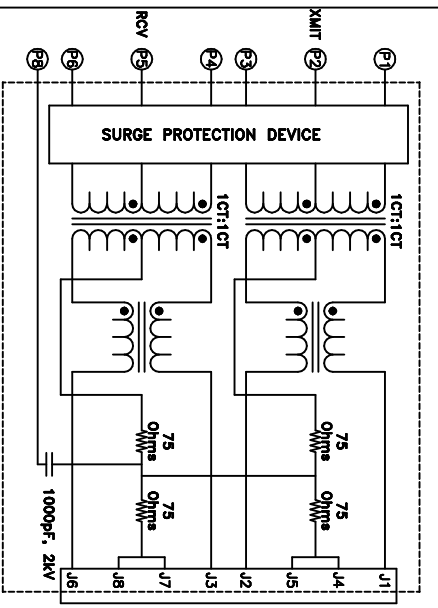
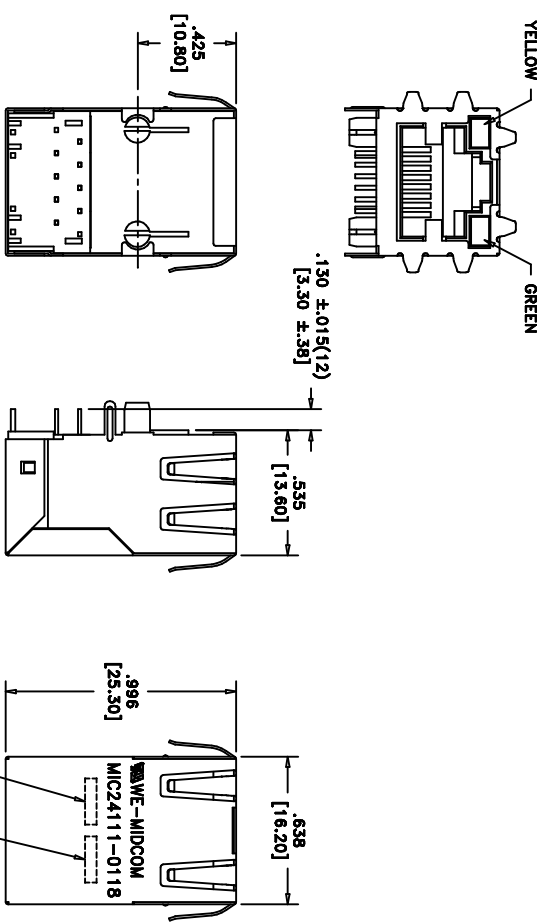


SOLDER SUFFIX	CUSTOMER TERMINAL	RoHS	LEAD(Pb)-FREE
LF3	SM100X	Yes	Yes



REV.	DATE

Packaging Specifications
 Method: Tube
 PKG-0549
 www.midcom-inc.com

Unless otherwise specified:
 Tolerances: Fractions: ±1/64
 Angles: ±1° Decimals: ±.010[.25]
 This drawing is dual dimensioned. Dimensions in brackets are in millimeters.

DRAWING TITLE
TRANSFORMER
 10/100Mbs

Midcom-WE
 www.midcom-inc.com

DRAWING NO. MIC24111-0118T-LF3
 SCALE --- SHEET 2 OF 6

AGENCY NUMBER
 UL60950-1 E205630

ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:

PARAMETER	TEST CONDITIONS	VALUE
INDUCTANCE	J1-J2 100KHz, 100mVAC, 8mADC, 1p	350uH min.
INDUCTANCE	J3-J6 100KHz, 100mVAC, 8mADC, 1p	350uH min.
DIELECTRIC	P1-J1 tie(P1+P4)	1500Vrms, 1 minute
TURNS RATIO	(P1-P3):(J1-J2)	1:1, ±2%
TURNS RATIO	(P4-P6):(J3-J6)	1:1, ±2%
INSERTION LOSS	1M - 100MHz	-1.0dB max.
RETURN LOSS	1M - 30MHz	-18dB min.
RETURN LOSS	30M - 45MHz	-16dB min.
RETURN LOSS	45M - 60MHz	-14dB min.
RETURN LOSS	60M - 80MHz	-12dB min.
CROSSTALK	1M - 100MHz	-35dB min.
COMMON MODE REJECTION	1M - 100MHz	-35dB min.

GENERAL SPECIFICATIONS:
 OPERATING TEMPERATURE RANGE: 0°C to +70°C.
 Designed to protect against GR1089 intrabuilding and ESD surges.