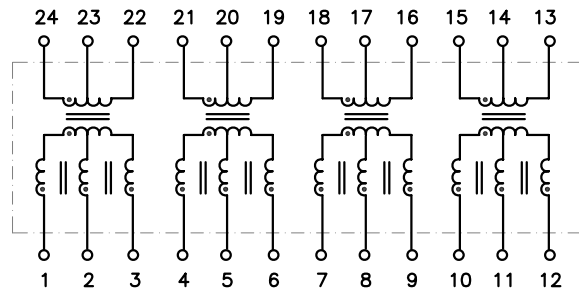


DIMENSIONS: Inch [mm]
 CO-PLANARITY: 0.004 [0.10]
 TOLERANCES: ±0.005 INCH IF NOT SPECIFIED



PART NO. : TG111-RP39NJRL

SINGLE-PORT GIGABIT OR DUAL-PORT FAST ETHERNET
 COMPLIANT WITH IEEE802.3u/ab/af REQUIREMENTS
 350mA CURRENT CARRYING CAPACITY ON EITHER
 TRANSFORMER OR CHOKE SIDE FOR PoE APPLICATIONS

RoHS COMPLIANT

COMPATIBLE TO LEAD-FREE SOLDERING PROCESS
 CONDITION PER IPC/JEDEC J-STD-020C

OPERATING TEMPERATURE 0/70°C

ELECTRICAL SPECIFICATIONS @ 25° C

URNS RATIO	1CT:1CT ±2%
ACL (100KHz,0.1Vrms,8mA)	350µH min
DCR (TRANSFORMER SIDE)	0.9Ω max
INSERTION LOSS	
1-100MHz	-1.1dB max
RETURN LOSS	
1-40MHz	-18dB min
60MHz	-14dB min
80MHz	-12dB min
100MHz	-10dB min
CROSSTALK 1-100MHz	-40dB typ
CMR 1-100MHz	-38dB typ
ISOLATION	1,500Vrms



HALO/PBL

CALIFORNIA, USA
 KOWLOON, HONG KONG
 SINGAPORE

TITLE	ISOLATION MODULE	SIGNATURES	DATE	REV.	DESC.	DATE
FOR	PoE APPLICATIONS	DRAWN PETER LU	4/19/06	B	CORRECT MARKING	8/9/06
PART NO.	TG111-RP39NJRL	CHECKED LEI KEONG	11/8/07	C	UPDATE PoE APP NOTE	10/2/06
SCALE	NONE	APPROVED PETER LU	11/8/07	D	UPDATE DCR TEST POS.	10/6/06
	PAGE 1 OF 1	FILE RP39NJRL.DWG		E	PROD. RELEASE	11/8/07