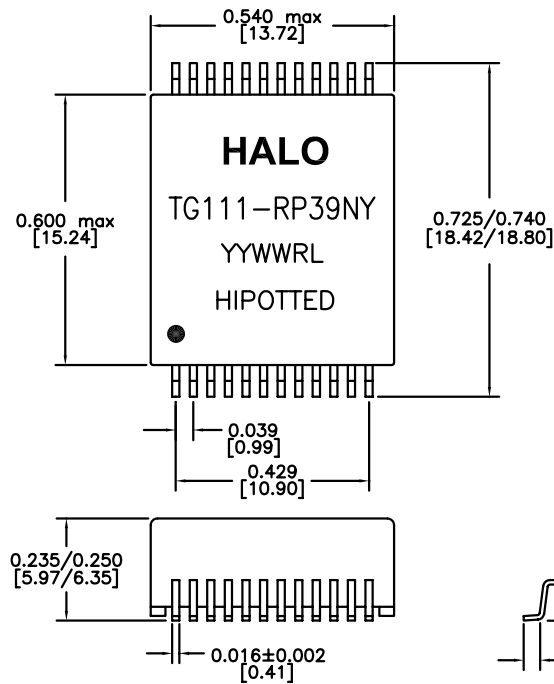
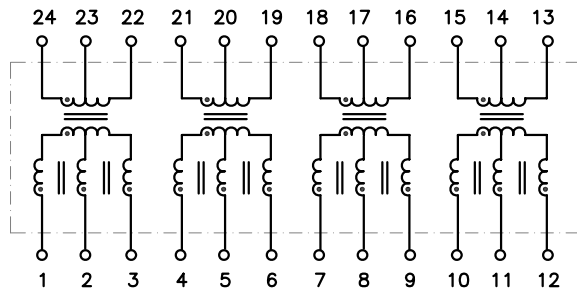




DIMENSIONS: Inch [mm]
CO-PLANARITY: 0.004 [0.10]
TOLERANCES: ±0.005 INCH IF NOT SPECIFIED



PART NO. : TG111-RP39NYRL

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	10/6/06	A	FIRST ISSUE
PART NO.	TG111-RP39NYRL	CHECKED	LEI KEONG	11/8/07	B	PROD. RELEASE
SCALE	NONE	APPROVED	PETER LU	11/8/07		
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