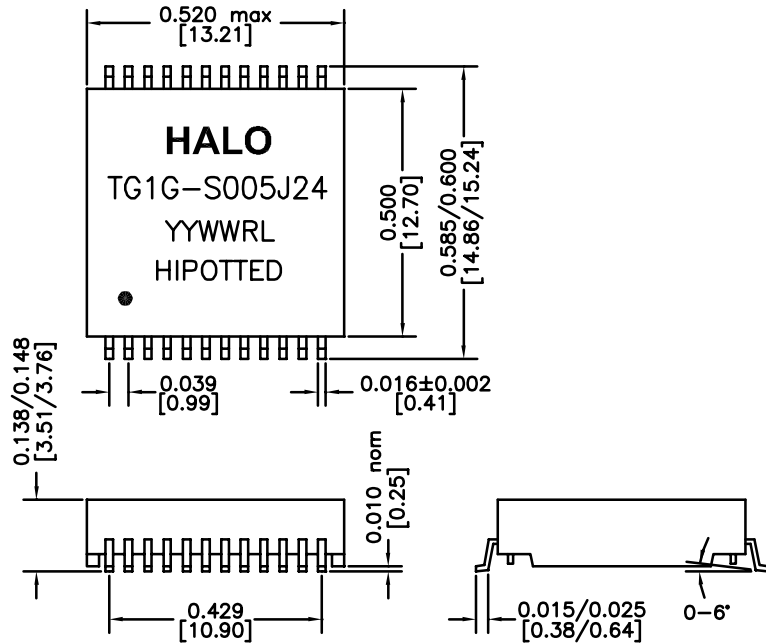
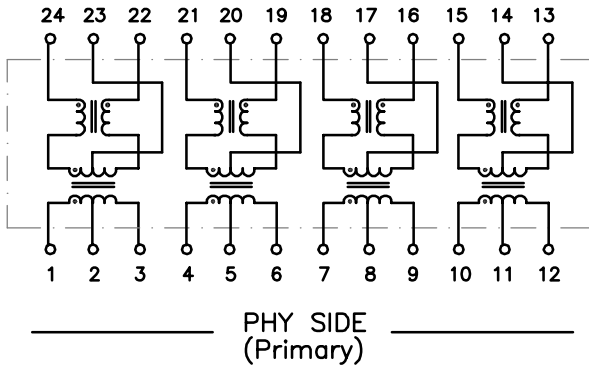




DIMENSIONS : Inch [mm]
CO-PLANARITY : 0.004 [0.10]



PART NO. : TG1G-S005J24RL

24PIN SINGLE-PORT ISOLATION MODULE

DESIGNED FOR IEEE802.3ab GIGABIT APPLICATIONS

LEAD-FREE/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 ±3%
OCL (100KHz,0.1V,8mA)	350μH min
DCR (PRI)	1.3Ω max
LL (1MHz,0.1V)	0.4μH max
Cw/w	15pF typ
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 min
CMR 1-100MHz	-40dB typ
ISOLATION	1,500Vrms

HALO/PBL

CALIFORNIA, USA
KOWLOON, HONG KONG
SINGAPORE

TITLE	ISOLATION MODULE	SIGNATURES	DATE	REV.	DESC.	DATE
FOR	10/100/1000BASE-T	DRAWN	PETER LU	3/1/05	B	REVISE TOE LENGTH
PART NO.	TG1G-S005J24RL	CHECKED				
SCALE	NONE	APPROVED				
PAGE	1 OF 1	FILE	S005J24RL.DWG			