



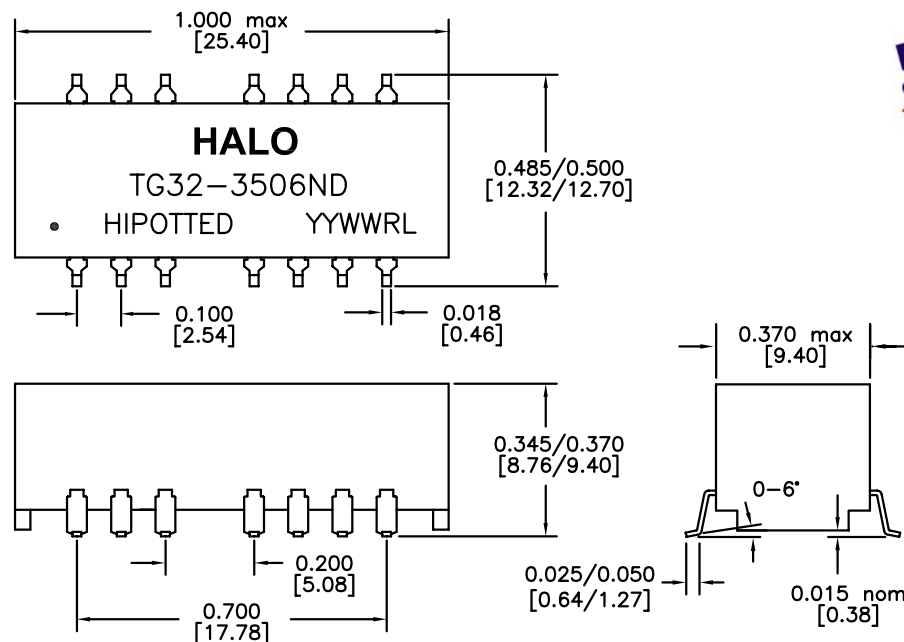
PART NO. : TG32-3506NDRL

16PIN SMT ISOLATION MODULE FOR 10/100BASE-TX
IEEE802.3u APPLICATIONS

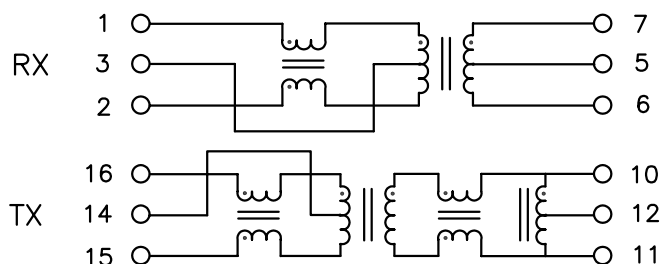
LEAD-FREE/RoHS COMPLIANT

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

OPERATING TEMPERATURE 0/+70°C



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



ELECTRICAL SPECIFICATIONS @25° C

ACL (100KHz,0.1Vrms,8mA)	350μH min
TURN RATIO	
TX P16-15:P10-11	1CT:1CT ±3%
RX P1-2:P7-6	1CT:1CT ±3%
DCR P16-15,P7-6	1.0Ω max
LL (1MHz)	0.4μH max
Cw/w	15pF typ
INSERTION LOSS	
0.1-100MHz	-1.1dB max
RETURN LOSS	
0.5-30MHz	-18dB min
40MHz	-15.5dB min
50MHz	-13.6dB min
60-80MHz	-12dB min
CROSSTALK 0.1-100MHz	-38dB typ
TX CMR 0.1-100MHz	-45dB typ
ISOLATION	1,500Vrms

HALO/PBL

CALIFORNIA, USA
KOWLOON, HONG KONG
SINGAPORE

TITLE TRANSFORMER MODULE

FOR 10/100BASE-TX

PART NO. TG32-3506NDRL

SCALE NONE

PAGE 1 OF 2

SIGNATURES

DRAWN PETER LU

CHECKED

APPROVED

FILE TG32NDRL.DWG

DATE

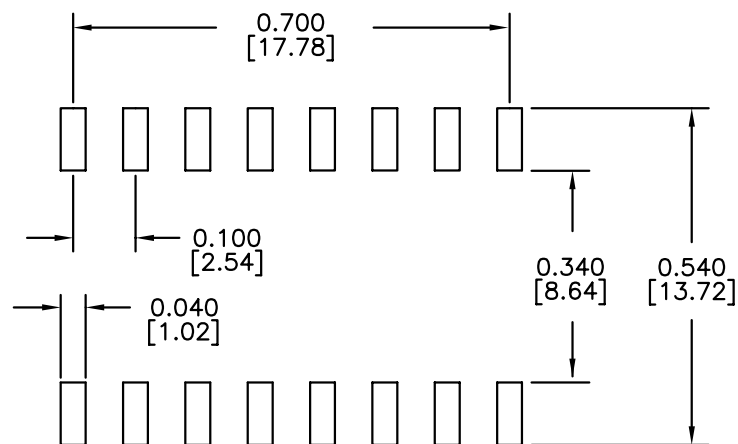
10/26/05

REV.

A

DESC.

DATE



RECOMMENDED SOLDER PAD LAYOUT
DIMENSIONS: INCH [mm]

HALO/PBL

CALIFORNIA, USA
KOWLOON, HONG KONG
SINGAPORE

TITLE	TRANSFORMER MODULE	SIGNATURES	DATE	REV.	DESC.	DATE
FOR	10/100BASE-TX	DRAWN PETER LU	10/25/05	A		
PART NO.	TG32-3506NDRL	CHECKED				
SCALE	NONE	APPROVED				
PAGE	2 OF 2	FILE	TG32NDRL.DWG			

Mouser Electronics

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