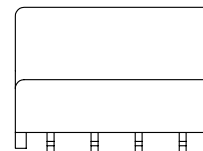
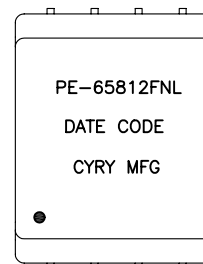


NOTES:

1. ROHS COMPLIANT
2. HEADER: PHENOLIC WITH FLAMMABILITY RATING UL 94V-0 OR BETTER.
3. STORAGE TEMPERATURE: -20°C TO +125°C
4. COMPLIANCE TO J-STD:
 - A. J-STD-002: SOLDERABILITY AT 245°C REFLOW PROFILE
 - B. J-STD-020: LEVEL 1, NO MOISTURE SENSITIVE
 - C. J-STD-075: R7, 245°C MAXIMUM THROUGH REFLOW SOLDER
5. TO ORDER TAPE & REEL PACKAGING ADD A "T" SUFFIX TO THE PART NUMBER(i.e PE-65812FNL BECOMES PE-65812FNLT).

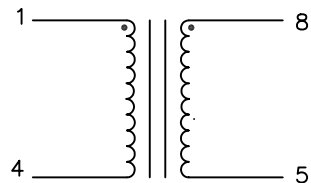


FINAL OUTLINE

© Copyright, 2014. Pulse Electronics Corp. All rights reserved. Pulse confidential & proprietary. (06/30/14)

PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
XFMR,SGL,DGTL/AUD,LA,1:1,RL	PE-65812FNL-10	PS-2752.001-B	1 OF 3	PE-65812FNL	A

ELECTRICAL CHARACTERISTICS AT +25°C UNLESS OTHER SPECIFIED

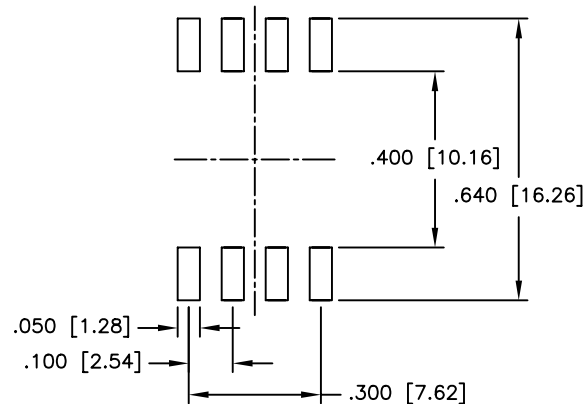
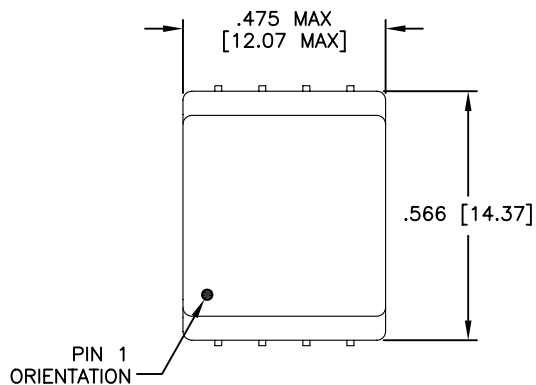


SCHEMATIC

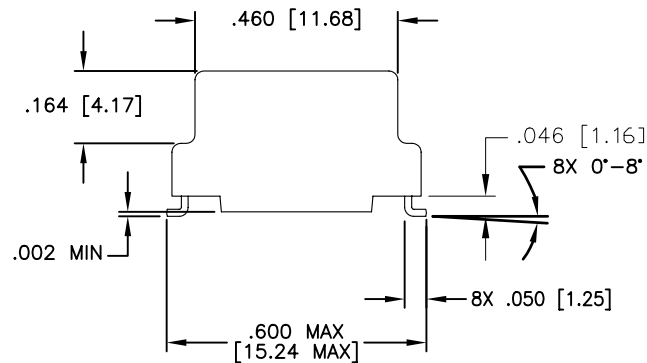
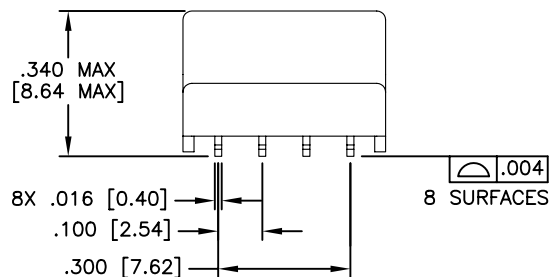
PARAMETER	SPECIFICATIONS					
OPERATING TEMP	0°C – 70 °C					
POLARITY	PER SCHEMATIC					
TURNS RATIO @10 KHZ, 0.2 VRMS	$\frac{(1-4)}{(8-5)} = 1.00 \pm 2\%$					
INDUCTANCE @100 KHZ, 0.02 VRMS	(1-4) = 2.5 mH $\pm 20\%$					
LEAKAGE INDUCTANCE (LL) @100 KHZ, 0.02 VRMS	(1-4) WITH (8-5) SHORTED = 0.35 μ H MAXIMUM					
CWW @100 KHZ, 0.02 VRMS	(1-4) TO (8-5) = 40 pF MAXIMUM					
INSERTION LOSS	100 KHz TO 55 MHz					
	-3 dB MAXIMUM					
RETURN LOSS	100 KHz			10 MHz		
	-22 dB MINIMUM			-20 dB MINIMUM		
COMMON MODE REJECTION	100 KHZ	1 MHz	3 MHz	6 MHz	10 MHz	30 MHz
	-75 dB	-70 dB	-60 dB	-50 dB	-40 dB	-25 dB
HIPOT:	2000 VAC FOR 60 SECONDS					

© Copyright, 2014. Pulse Electronics Corp. All rights reserved. Pulse confidential & proprietary. (06/30/14)

PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
XFMR,SGL,DGTL/AUD,LA,1:1,RL	PE-65812FNL-10	PS-2752.001-B	2 OF 3	PE-65812FNL	A



SUGGESTED LAND PATTERN



DIMENSIONS ARE IN INCHES [MILLIMETERS] WITH THE FOLLOWING TOLERANCES: [MILLIMETERS] ARE FOR REFERENCE ONLY.
 .XX= ± 0.01 [± 0.25]
 .XXX= ± 0.005 [± 0.13]

© Copyright, 2014. Pulse Electronics Corp. All rights reserved. Pulse confidential & proprietary. (06/30/14)

PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
XFMR,SGL,DGTL/AUD,LA,1:1,RL	PE-65812FNL-10	PS-2752.001-B	3 OF 3	PE-65812FNL	A

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Pulse:

[PE-65812FNL](#) [PE-65812FNLT](#)