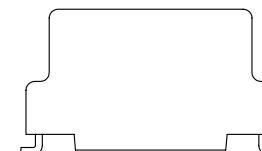
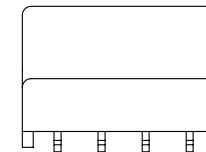


NOTES:

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).

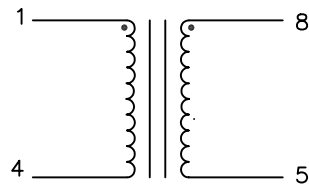


FINAL OUTLINE

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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

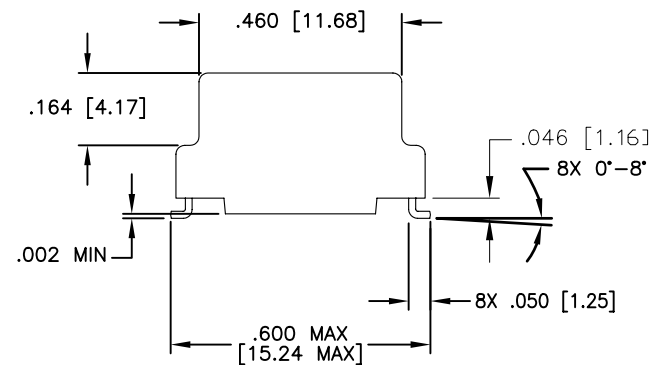
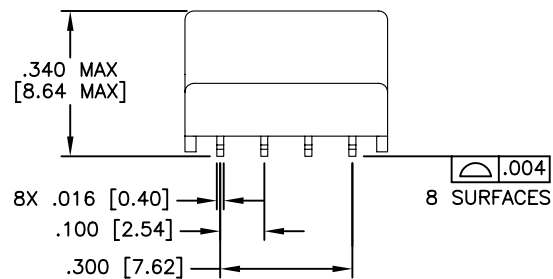
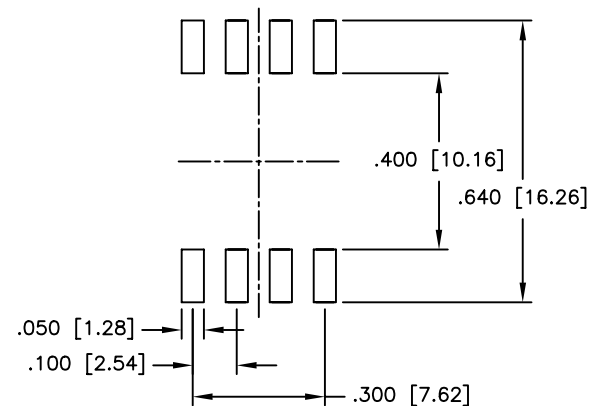
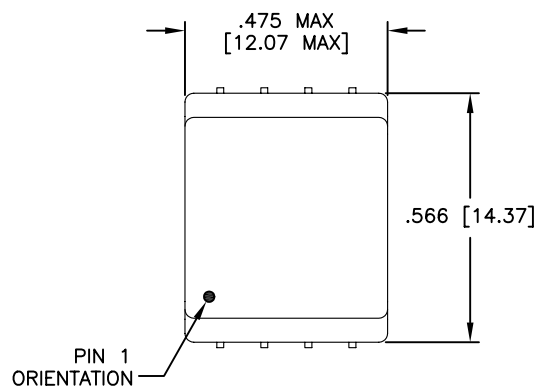


SCHEMATIC

PARAMETER	SPECIFICATIONS					
OPERATING TEMP	0°C – 70 °C					
POLARITY	PER SCHEMATIC					
URNS RATIO @10 KHZ, 0.2 VRMS	$\frac{(1-4)}{(8-5)} = 1.00 \pm 2\%$					
INDUCTANCE @100 KHZ, 0.02 VRMS	$(1-4) = 2.5 \text{ mH} \pm 20\%$					
LEAKAGE INDUCTANCE (LL) @100 KHZ, 0.02 VRMS	$(1-4) \text{ WITH } (8-5) \text{ SHORTED} = 0.35 \text{ } \mu\text{H MAXIMUM}$					
CWW @100 KHZ, 0.02 VRMS	$(1-4) \text{ TO } (8-5) = 40 \text{ pF MAXIMUM}$					
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					

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XFMR,SGL,DGTL/AUD,LA,1:1,RL	PE-65812FNL-10	PS-2752.001-B	2 OF 3	PE-65812FNL	A



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

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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