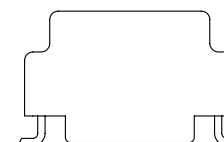
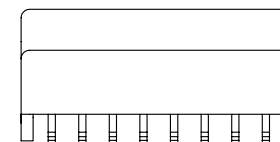
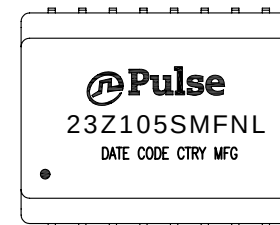


NOTES:

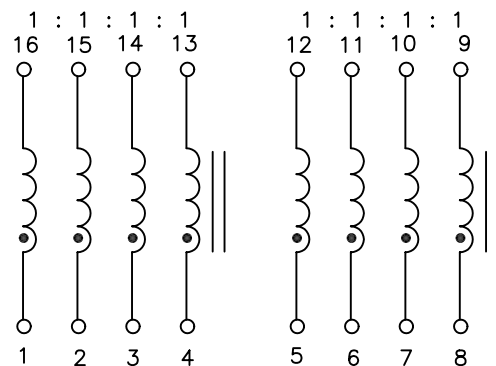
1. ROHS COMPLIANT
2. HEADER: PHENOLIC WITH FLAMMABILITY  
RATING UL 94V-0 OR BETTER.
3. STORAGE TEMPERATURE: -20°C TO +125°C
4. COMPLIANCE TO J-STD:
  - A. J-STD-002: SOLDERABILITY AT 245°C REFLOW PROFILE
  - B. J-STD-020: LEVEL 1, NO MOISTURE SENSITIVE
  - C. J-STD-075: R7, 245°C MAXIMUM THROUGH REFLOW SOLDER
5. TO ORDER TAPE & REEL PACKAGING ADD A "T" SUFFIX  
TO THE PART NUMBER(i.e 23Z105SMFNL BECOMES 23Z105SMFNLT).



FINAL OUTLINE

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| PRODUCT DESCRIPTION   | TLA DRAWING    | PS DRAWING    | SHEET  | PART NO.    | DATASHEET REV. |
|-----------------------|----------------|---------------|--------|-------------|----------------|
| CHK,SIN,10D,1:1,SM,TU | 23Z105SMFNL-10 | PS-2755.001-A | 1 OF 3 | 23Z105SMFNL | A              |



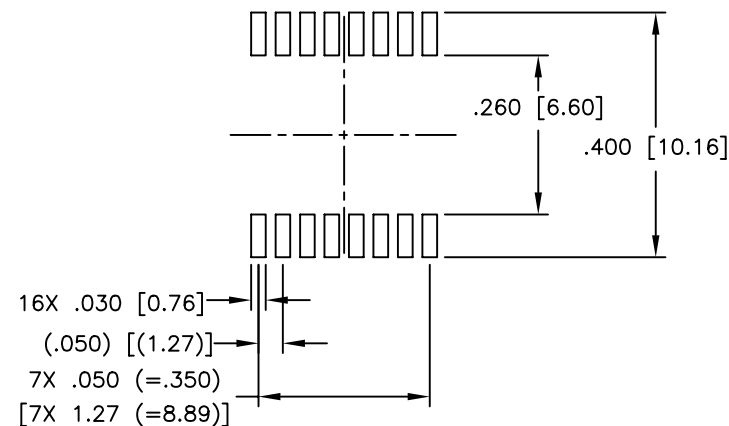
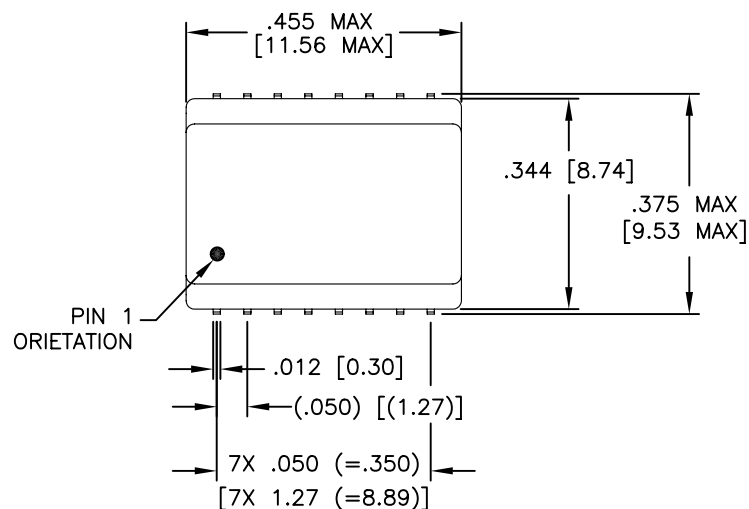
SCHEMATIC

ELECTRICAL CHARACTERISTICS AT +25°C UNLESS OTHER SPECIFIED

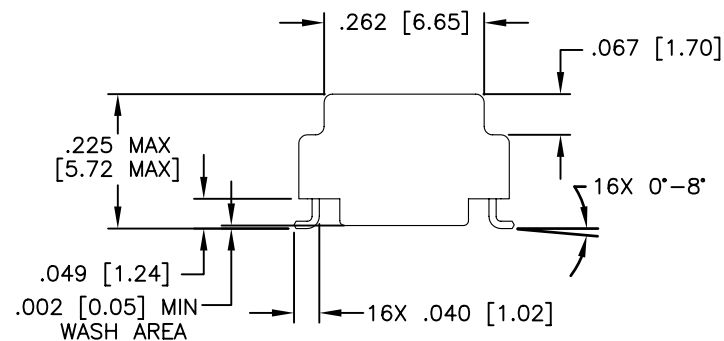
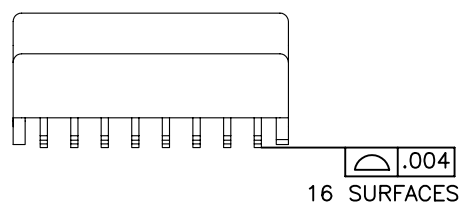
| PARAMETER                               | SPECIFICATIONS                                                                                |             |             |
|-----------------------------------------|-----------------------------------------------------------------------------------------------|-------------|-------------|
| OPERATING TEMPERATURE                   | 0°C – 70 °C                                                                                   |             |             |
| POLARITY                                | PER SCHEMATIC                                                                                 |             |             |
| URNS RATIO                              | (1-16):(2-15):(3-14):(4-13)=1 : 1 : 1 : 1 ±5%<br>(5-12):(6-11):(7-10):(8-9)=1 : 1 : 1 : 1 ±5% |             |             |
| ISOLATION RESISTANCE<br>(IR AT 500 VDC) | 10G OHM MIN.                                                                                  |             |             |
| DC RESISTANCE                           | 0.4 OHMS MAX                                                                                  |             |             |
| LP                                      | 68 uH MIN (MEASURED AT 100 KHz, 20 mVRMS)                                                     |             |             |
| LL                                      | 0.25 uH MAX (MEASURED AT 100 KHz, 20 mVRMS)                                                   |             |             |
| BETWEEN CHANNEL<br>ISOLATION            | 500 VAC MIN @ 60 SECONDS                                                                      |             |             |
| IMPEDANCE<br>(1-16)&(8-9)               | 10-20 MHz                                                                                     | 30 MHz      | 70-100 MHz  |
|                                         | 700 OHM MIN                                                                                   | 600 OHM MIN | 200 OHM MIN |

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| PRODUCT DESCRIPTION   | TLA DRAWING    | PS DRAWING    | SHEET  | PART NO.    | DATASHEET REV. |
|-----------------------|----------------|---------------|--------|-------------|----------------|
| CHK,SIN,10D,1:1,SM,TU | 23Z105SMFNL-10 | PS-2755.001-A | 2 OF 3 | 23Z105SMFNL | A              |



SUGGESTED LAND PATTERN



DIMENSIONS ARE IN INCHES [MILLIMETERS] WITH THE FOLLOWING TOLERANCES: [MILLIMETERS] ARE FOR REFERENCE ONLY.  
.XX= ±.01 [±0.25]  
.XXX= ±.005 [±0.13]

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| PRODUCT DESCRIPTION   | TLA DRAWING    | PS DRAWING    | SHEET  | PART NO.    | DATASHEET REV. |
|-----------------------|----------------|---------------|--------|-------------|----------------|
| CHK,SIN,10D,1:1,SM,TU | 23Z105SMFNL-10 | PS-2755.001-A | 3 OF 3 | 23Z105SMFNL | A              |