



Recommended PCB Layout

## SPECIFICATIONS

Current Rating: 3AMP  
 Contact Resistance: 20mΩ Max  
 Insulation Resistance: 1000MΩ Min  
 Withstand Voltage: 1000V AC/minute  
 Operation Temperature: -40°C to +105°C

Contact: Brass  
 plating: Au or Sn Over 50u" Ni  
 Insulator: High Temperature Thermoplastic  
 UL94V-0 Rated  
 Standard: PA6T+30%G. F

## Ordering Information

**T821M-1 XX XXS100CEU-X**

- Box Header
- 2.54 Pitch
- SMT Type
- Color
  - 0: Gray
  - 1: Black
- No. of Pin
- Plating
  - A1=Full flash gold
  - A2=15u" gold
  - A3=30u" gold
  - SN=full Tin
- Packing
  - Blank : T&R packing, from 6Pin to 44Pin
  - B : Tube packing, from 6Pin to 64Pin
- EU: RoHS Compliant
- C: Fixed Index
- Variation Code:
  - 00: Standard
- Termination:
  - S1: Straight



TOLERANCE (mm)	APPROVALS	DATE	TITLE	AMPHENOL Amphenol European Design Center	
X. ±0.3	DRAWN Roger	9/Feb/12	Box header 2.54pitch, SMT	Scale N.A.	Sheet 1 of 1
XX ±0.2	CHECKED Rob K.	9/Feb/12			
XXX ±0.15	APPROVED Rob K.	9/Feb/12			
UNLESS OTHERWISE SPECIFIED	UNIT: mm		SIZE: A4	DRAWING N°: T821MXXXXXS100CEU-X	REV. C