



Recommended PCB Layout

## SPECIFICATIONS

Current Rating: 3AMP  
 Contact Resistance:  $20\text{m}\Omega$  Max  
 Insulation Resistance:  $1000\text{M}\Omega$  Min  
 Withstand Voltage:  $1000\text{V AC/minute}$   
 Operation Temperature:  $-40^\circ\text{C}$  to  $+105^\circ\text{C}$

Contact: Brass  
 plating: Au or Sn Over  $50\text{u}^{\circ}$  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= $15\text{u}^{\circ}$  gold  
 A3= $30\text{u}^{\circ}$  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	
X. $\pm 0.3$	DRAWN Roger	9/Feb/12	Box header 2.54pitch, SMT	Amphenol European Design Center	
XX $\pm 0.2$	CHECKED Rob K.	9/Feb/12			
XXX $\pm 0.15$	APPROVED Rob K.	9/Feb/12			
UNLESS OTHERWISE SPECIFIED	UNIT:	mm	SIZE: A4	DRAWING N°: T821MXXXXXS100CEU-X	
				Scale N.A.	Sheet 1 of 1
				REV. C	