

Materials and Finish

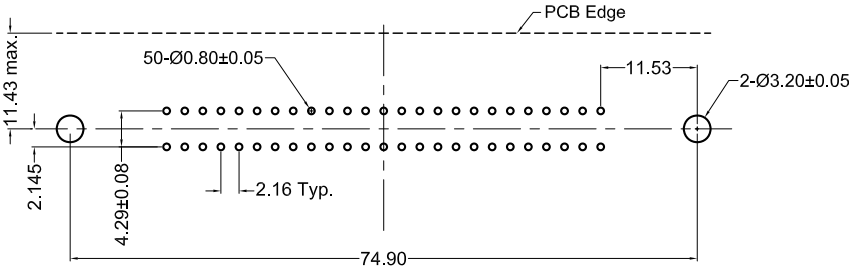
Shell: Steel, nickel finish
 Insert:
 PBT Thermoplastic, Blue,
 30% Glass Filled,
 Self-Extinguishing,
 UL94V-0 rated
 Contact Material:
 Phosphor Bronze
 Contact Finish:
 Gold Flash over 0.0001
 (0.00254) Nickel

Mechanical Charateristics

Insertion and Withdrawal Force:
 Insertion Force: 4.6kg
 Withdrawal Force: 4.3kg
 Durability:
 Subjected to 500 Cycles of Insertions
 and Withdrawals, After Test, Connectors
 Meet the Max. Contact Resistance
 Specifications

Electrical Charateristics

Contact Current Rating: 1A
 Dielectric Withstanding Voltage:
 1000 V for one Min.
 Insulation Resistance:
 1000 Megohms Min. at 500V DC
 Operating Temperature:
 -55°C to +105°C



Recommended PCB Layout

RoHS COMPLIANT
 EU Directive 2002/95/EC

UL
 C LR78160 US

Tolerances	
X.X ± 0.25	
X.XX ± 0.15	
Unless Stated	
Otherwise	

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A1	02/21/06	New Drawing	R. Aguirre	H. MA	R. Aguirre	02/21/06
A2	03/13/08	ECO # 07-050	S. Vien	H. Ma		

37X-92500-24-XK

Rt. Angle PCB Mount Mini. Ribbon Connector, RoHS Compliant
 50 Pin Receptacle, 4-40 Threaded Rivets

