



PCB LAYOUT - COMPONENT VIEW  
RECOMMENDED PCB THICKNESS : 1.2 mm

#### TECHNICAL CHARACTERISTICS

**MATERIAL**  
INSULATOR: LCP  
FLAMMABILITY RATING: UL94-V0  
COLOR: BLACK  
CONTACT MATERIAL: COPPER ALLOY  
CONTACT PLATING: GOLD OVER Ni  
COVER MATERIAL: STAINLESS STEEL  
COVER PLATING: Ni  
QUALITY CLASS: 5 000 MATING CYCLES

**ENVIRONMENTAL**  
OPERATING TEMPERATURE: -55°C UP TO +85°C  
COMPLIANCE: HALOGEN FREE & ROHS

**ELECTRICAL**  
CURRENT RATING: 1.5A  
WORKING VOLTAGE: 30 VAC MAX  
WITHSTANDING VOLTAGE: 500 VAC/MIN  
INSULATION RESISTANCE: > 1000 MΩ  
CONTACT RESISTANCE: 30 mΩ MAX

**MECHANICAL**  
INSERTION FORCE: 35.0N MAX  
EXTRACTION FORCE: 10.0N MIN

**SOLDERING**  
JEDEC LEAD FREE WAVE SOLDERING PROCESS

**PACKAGING**  
TAPE & REEL WITH MYLAR

RoHS Compliant

PROJECTION:



GENERAL TOLERANCE

.X =  $\pm 0.2$

.XX =  $\pm 0.15$



APPROVAL: NPr

UNIT: MM

SCALE:

SHEET: 1/3

DRAW: AK

DESCRIPTION: USB TYPE A HORIZONTAL THT -SHORT TYPE

WERI PART NO: 614 104 190 121

SIZE

**A4**



