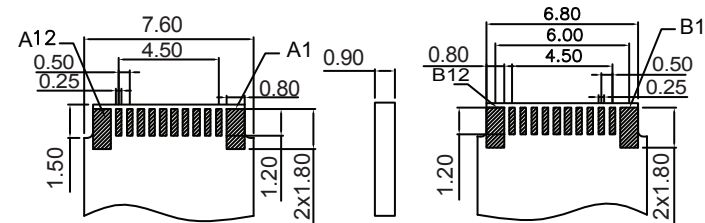


ISOMETRIC VIEW



RECOMMENDED PCB LAYOUT

ELECTRICAL:

CURRENT RATING: 5A Min. for VBUS,
1.25A Min. for Other
CONTACT RESISTANCE:
< 40 milliohm Max.
INSULATION RESISTANCE:
> 100 Mgeaohm Min.
DIELETRIC WITHSTANDING VOLTAGE:
100 VAC for 1 Minute
OPERATING TEMPERATURE: - 40° C ~ 85° C

MATERIAL:

INSULATOR: LCP, UL94V-0
CONTACTS: Copper Alloy
CONTACT PLATING:
Gold Plating over 50u" Nickel on Contact Area,
80u" Tin/ Plating over 50u" Nickel on Solder Area
SHELL: Stainless Steel with 50u" Nickel Plating

Mechanical:

INSERTION FORCE: 5 ~ 20N Max.
WITHDRAWAL FORCE: 6 ~ 20N Kg
DURABILITY: 10,000 Cycles

HOW TO ORDER:

U 0 1 5 - 0 4 1 4 - 0 0 X X - Z

BODY STYLE

1 - Male Right Angle

OF POSITIONS

02 - 24 Position SMT
Straddle PCB

MOUNTING STYLE

14- Surface Mount Male,
Right Angle with SMT Shell Legs
Straddle Mount

CONTACT AREA PLATING

0 - 4u" Au
1 - 7u" Au
2 - 10u" Au
3 - 15u" Au
4 - 30u" Au
5 - 2u" Au Over 30u" Pd/Ni

PACKAGING

0 - Tray
3 - Tape & Reel + Cap

RoHS COMPLIANT

| Rev | Drawn | Checked | Approved | Date |
|-----|-------|---------|----------|----------|
| 0 | B.S. | S.M. | S.M. | 05/11/17 |
| | | | | |
| | | | | |

SMP TECHNOLOGY, INC.

USB 3.1 Male Connector, Surface Mount , Shell & Contacts

SCALE :N/A
TOL. DEC. .X +/- 0.30 .XX +/- 0.25 ANGLE +/- 5° UNIT: mm

SERIES: U015-0414-00XX-Z