

ELECTRICAL:

CURRENT & VOLTAGE RATING: 1.5A / 250 VAC
 CONTACT RESISTANCE:
 < 30 Milliohm Max.
 INSULATION RESISTANCE:
 > 1000 Megaohm Min.
 DIELECTRIC WITHSTANDING VOLTAGE:
 500V (rms) AC for 1 Minute
 OPERATING TEMPERATURE: -0° C to +50° C

MATERIAL:

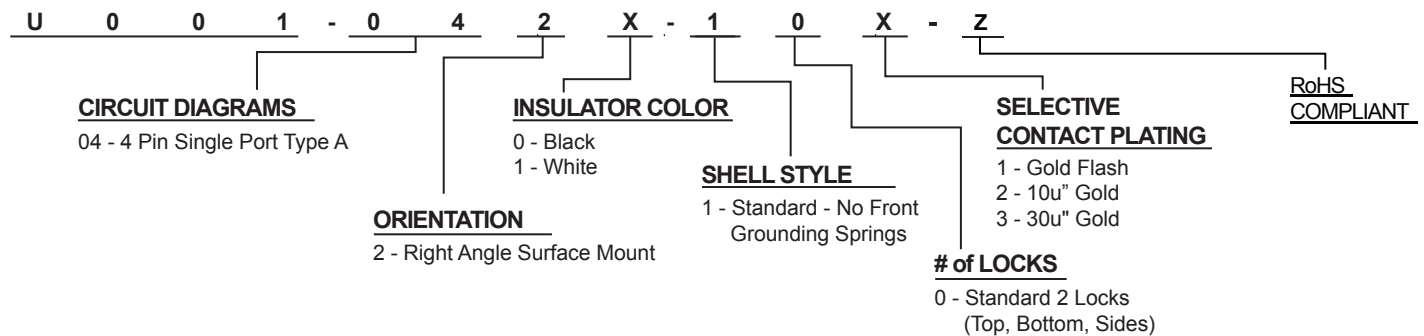
INSULATOR: Thermoplastic UL94V-0; LCP
 CONTACTS: Copper Alloy
 CONTACT PLATING:
 Gold Plating over Nickel on Contact Area,
 Tin Plating on Terminal
 SHELL: Copper Alloy
 SHELL PLATING: Nickel

MECHANICAL:

MATING FORCE: 35 Newtons Max.
 UNMATING FORCE: 10 Newtons Min.

RECOMMENDED PC BOARD THICKNESS OF 1.57mm

HOW TO ORDER:



Rev	Drawn	Checked	Approved	Date	SMP TECHNOLOGY, INC. USB Connector, Type A Receptacle, Surface Mount
0	D.H.	S.M.	S.M.	06/22/04	
A	B.S.	S.M.	S.M.	07/16/08	
B	B.S.	S.M.	S.M.	09/24/12	

TOL. DEC. .X +/- .20 .XX +/- .10 .XXX +/- ANGLE +/- UNIT: mm P/N: U001-042X-10X-Z Pg: 1