



W300-0712-0130-Z	15U*	L=2.10mm	2.50	LCP BLACK
W300-0712-0130-Z6	15U*	L=3.20mm	3.50	PA46 BLUE
W300-0712-0110-Z6	G/F			
W300-0712-0130-Z7	15U*	L=2.10mm	2.50	PA46 RED
W300-0712-0110-Z7	G/F			
W300-0712-0130-Z0	15U*	L=2.10mm	2.50	PA46 BLUE
W300-0712-0110-Z0	G/F			
W300-0712-0130-Z1	15U*	L=2.10mm	2.50	PA46 BLACK
W300-0712-0110-Z1	G/F			
W300-0712-0130-Z9	15U*	L=2.45mm	2.50	PBT BLACK
W300-0712-0110-Z9	G/F			
W300-0712-0130-Z8	15U*	L=2.45mm	2.50	LCP ORANGE
W300-0712-0110-Z8	G/F			
W300-0712-0150-Z2	30U*			
W300-0712-0130-Z2	15U*	L=2.03mm	2.60	
W300-0712-0110-Z2	G/F			
W300-0712-0150-Z4	30U*			
W300-0712-0130-Z4	15U*	L=3.20mm	3.50	LCP BLACK
W300-0712-0110-Z4	G/F			
W300-0712-0130-Z5	15U*	L=3.20mm	2.50	
W300-0712-0110-Z5	G/F			
PART NO	PLATING	DIM A	DIM B	MATERIAL&COLOR

ELECTRICAL:
 CURRENT RATING: 1.5 A
 VOLTAGE RATING: 12 VAC max.
 CONTACT RESISTANCE: 30 mΩ max.
 DIELECTRIC WITHSTANDING VOLTAGE: 500 VAC for 1 min (sea level)
 INSULATION RESISTANCE: 1000 MΩ min.

MATERIAL:
 INSULATOR: Thermoplastic - 30% Glass Fiber Reinforced UL94 V-0; Color Black
 INSULATOR COLOR OPTIONS: Blue, Red, Orange (Consult SMP Technology for Part Number)
 CONTACTS: Copper Alloy
 CONTACT PLATING: Selective Gold Plated on Contact Area Over 50 μ" Min. Ni Under Plate
 100 μ" Min. Tin Plating on Solder Tails

ENVIRONMENTAL:
 OPERATING TEMPERATURE : -20°C to 85°C

HOW TO ORDER:
W 3 0 0 - 0 7 1 2 - 0 1 X X - Z X

SELECTIVE CONTACT PLATING:
 1 - 0.127 mm [5 μ"] SELECTIVE GOLD PLATING
 3 - 0.381 mm [15 μ"] SELECTIVE GOLD PLATING
 5 - 0.762 mm [30 μ"] SELECTIVE GOLD PLATING

PACKAGING:
 0 - Tube

INSULATOR COLOR
 See Table

RoHS COMPLIANT

Rev		Drawn	Checked	Approved	Date	SMP TECHNOLOGY, INC.
0	Issued	B.S.	S.M.	S.M.	3/11/11	
A	Revised Width Dimension	B.S.	S.M.	S.M.	07/24/13	
						SATA, 7 Pin, Male Plug, Vertical, Standard, Thru Hole Mount, Four Side
SCALE: N/A						Shrouded
TOL. DEC.	.X +/- 0.30	.XX +/- 0.25	.XXX +/- 0.13	ANGLE +/- 3°	UNIT: mm	P/N: W300-0712-01XX-ZX Pg: 1