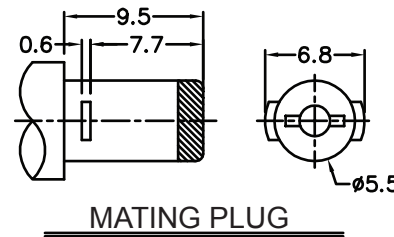


SCHEMATIC	
CENTER PIN	ϕ 2.0 mm ϕ 2.5 mm



ELECTRICAL:

CURRENT RATING: 2.5 A /16 VDC (Standard Version)
 5.0 A /16VDC (High Current Version)
 DIELECTRIC WITHSTANDING VOLTAGE: 500V. r.m.s.
 INSULATION RESISTANCE: 50 Megaohm Min.
 CONTACT RESISTANCE: Initail 50 milliohm; 100 milliohms after life cycle test. between mating plug and connector.

MATERIALS:

CONTACTS: Copper Alloy
 INSULATOR: PBT (UL94V-0) (Black)
 DURABILITY: 5000 Cycles with contact resistance not to exceed 0.1 ohm

SOLDERABILITY:

WAVE SOLDER - 260 C for 5 Seconds
 REFLOW SOLDER - See Reflow Profile in Product Specication PS-P002-X600-000-Z

ENVIRONMENT:

OPERATING TEMPERATURE: -25°C to + 85°C
 DURABILITY: 250 Mating Cycles Max.

HOW TO ORDER:

P **0** **0** **2** - **X** **6** **0** **0** - **0** **X** **0** - **Z** **X**

CENTER PIN DIAMETER
 6 - 2.0 mm
 7 - 2.5 mm

PACKAGING OPTIONS
 0 - TRAY
 2 - Bulk Pack (Plastic Bag)

RoHS COMPLIANT

Version
 Blank - Std.Version
 H - High Current

Rev		Drawn	Checked	Approved	Date
0	Issued	B.S.	S.M.	S.M.	05/05/08

SMP TECHNOLOGY, INC.

Power Jack ; Solder Tail ; Locking Type

SCALE:n/a

TOL. DEC. .X +/- 0.2 .XX +/- 0.1 .XXX +/- 0.05 ANGLE +/- 2° UNIT: mm

SERIES: P002-X600-0X0-Z

Pg: 1/2