



**MATERIALS AND FINISH**

SHELL : STEEL MATERIAL, TIN FINISHED  
 DIMPLES ON PLUG ONLY  
 CONNECTOR INSULATOR : PBT THERMOPLASTIC,  
 30% GLASS FILLED, UL 94V-0 RATED, BLACK COLOR  
 HIGH POWER CONTACT MATERIAL: BRASS, 2u" GOLD  
 PLATED

**ELECTRICAL CHARACTERISTICS**

HIGH POWER CONTACT CURRENT RATING : 10,20,OR40 AMPS  
 HIGH POWER CONTACT RESISTANCE : 2.7 MEGOHMS MAX.  
 DIELECTRIC WITHSTANDING VOLTAGE :  
 1000 V AC FOR 1 MINUTE  
 INSULATION RESISTANCE : 5000 MEGAOHMS MIN.  
 TEMPERATURE RATING : -55°C ~ +125°C

**PART NO:**

B09-2V231140-X1

Current Rating: \_\_\_\_\_

A= 10AMPS Dim.A =  $\phi$ 1.7mm  
 B= 20AMPS Dim.A =  $\phi$ 2.8mm  
 C= 30AMPS Dim.A =  $\phi$ 3.2mm  
 D= 40AMPS Dim.A =  $\phi$ 4.6mm

**ROHS COMPLIANT**

A	△		QUALITY SYMBOLS		Tolerance		NAME: High-Power 2V2 Male Solder Type			PART NO.	B09-2V231140-X1	DRAWING NO.	1198-022
	△		□ :	MAJOR	x.	±0.50	REV:	A	UNIT:	mm	DRW BY	KING ZHOU	
	△		CRITICAL	MAJOR	.x	±0.30	SCALE:	NONE	DATE:	2012/05/20	DAW NHU		
A	SIDE	DATE	APPROVER		ZERO DEFECT	S.P.C			<p style="text-align: center;"><b>东莞市箐国电子有限公司</b></p>				
8			7		5	4	3	2					1