



PCB LAYOUT

**MATERIALS AND FINISH**

SHELL : STEEL MATERIAL, TIN FINISHED  
 CONNECTOR INSULATOR : PBT THERMOPLASTIC,  
 30% GLASS FILLED, UL 94V-0 RATED, BLACK COLOR  
 HIGH POWER CONTACT MATERIAL: BRASS, 15u" GOLD PLATED

**ELECTRICAL CHARACTERISTICS**

HIGH POWER CONTACT CURRENT RATING : 10,20,OR 40 AMPS  
 HIGH POWER CONTACT RESISTANCE : 2.7 MILLIOHMS MAX.  
 DIELECTRIC WITHSTANDING VOLTAGE :  
 1000 V AC FOR 1 MINUTE  
 INSULATION RESISTANCE : 5000 MEGAOHMS MIN.  
 TEMPERATURE RATING : -55°C ~ +125°C

PART NO.	Current Rating	Dimension	Dimension
		Ø A	ØB
DWD-S40NE1-05W5S	40 AMPS	Ø3.75	Ø4.20
DWD-S20NE1-05W5S	20 AMPS	Ø2.8	Ø3.28
DWD-S10NE1-05W5S	10 AMPS	Ø1.7	Ø2.20



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PART NO. DWD-SxxNE1-05W5S		CHECKED BY CY	TOLERANCES ARE .X ± 0.3 .XX ± .XXX ± AWG	DESCRIP TION: <b>D-SUB CONNECTOR</b> ( Power Contact Straight DP Type )	AREA	REVISIONS	HK	DATE
DWG NO. DWD-SxxNE1-05W5S								
FILE NO.		PROJECTION						
UNIT / mm	SCALE 1:1							