

DC Power Jack Connector

multicomp^{PRO}

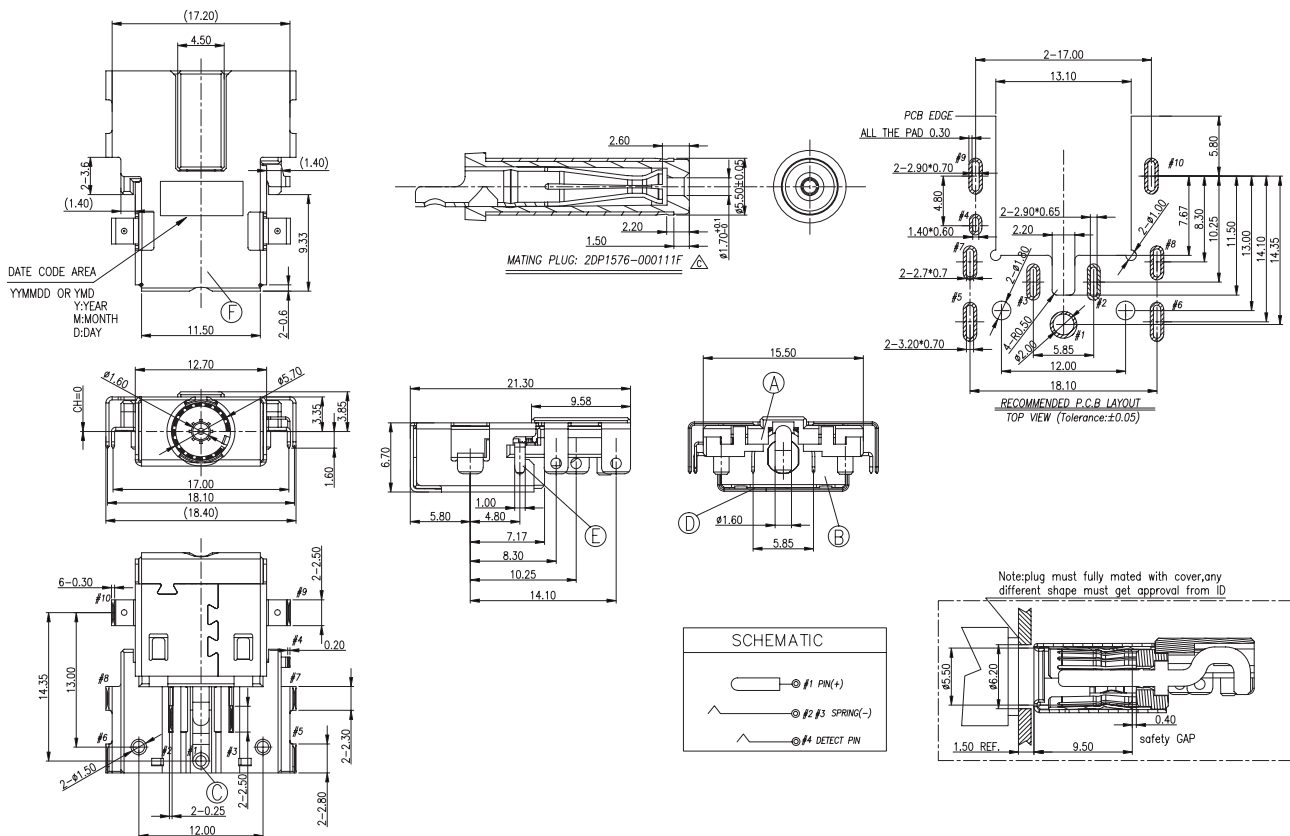
RoHS Compliant



Specifications

Rating	: 20V DC/20A Max.
Contact Resistance	: 10mΩ Max. (Initial) (Only for Pin+ & Spring-)
Contact Resistance	: 30mΩ Max. (Initial) (Only for Detect)
Dielectric Withstanding Voltage	: 550V DC for One Minute
Insulation Resistance	: 100MΩ Min. Measured by 500V DC
Insertion Force	: 0.8 ~ 3.0 kgf (Initial & after Life Test)
Withdrawal Force	: 0.8 ~ 3.0 kgf (Initial & after Life Test)
Life Test	: 5,000 Cycles

Diagram

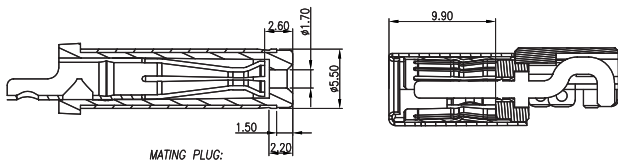


No.	Description	Material	Plating and Colour	Qty.
A	Body Top	High Temp. Thermoplastic (halogen free)	Black	1
B	Body Base			
C	Pin (+)	Brass	Gold Flash all over Ni 60μ" Min.	
D	Spring (-)	Copper Alloy 0.25T		
E	Detect Pin	Copper Alloy 0.2T	Ni 60μ" Min.	
F	Shielding	Stainless 0.3T		

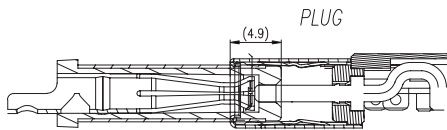
Dimensions : Millimetres

Newark.com/multicomp-pro
Farnell.com/multicomp-pro
sg.element14.com/b/multicomp-pro

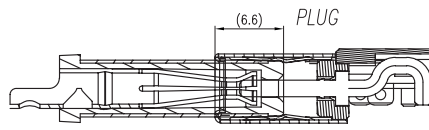
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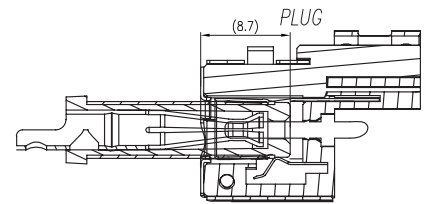
1. Negative Contact



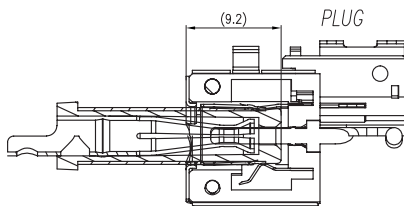
2. Power Pin (+) Contact



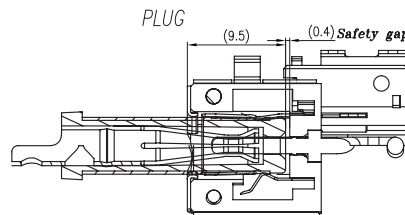
3. Detect Pin Contact



4. Locked



5. Full Mating



Part Number Table

Description	Part Number
DC Power Jack, R/A, PCB, 1.7mm×5.5mm, Mid-Mount	MP014758

Dimensions : Millimetres

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