



RECOMMENDED P.C.B. LAYOUT
TOLERANCE UNSPECIFIED ±0.05mm

- ateria atec
- 1.1 Housing: High temperature thermoplastic, Black UL 94V-0.
- 1.2 Terminal: Copper Alloy, Gold Flash Plated At Contact Area, Tin Plated At Solder Area, Nickel Underplated Overall
- 1.3 Shell: Stainless steel, Nickel plated
- 1.4 Shell Plate: Stainless steel, Nickel plated
- 1.5 Ring: Silicon
- 2. Electrical Performance
- 2.1 Rated Voltage: 30V AC
- 2.2 Rated Current: 5.0A Max.
- 2.3 Contact Resistance: 30mΩ Max.
- 2.4 Insulation Resistance: 100MΩ Min.
- 2.5 Dielectric Strength: 100V AC
- 3. Mechanical Performance
- 3.1 Insertion Force: 5-20N
- 3.2 Withdrawal Force: 6-20N
- 3.3 Durability: 10000 Cycles
- 4. Operating Temperature: -25° C To +85° C
- 5. Waterproof: IPX7

Connector Pin Assignments

A5	CC1	B12	GND
A9	VBUS	B9	VBUS
A12	GND	B1	GND
PIN SIGNAL NAME	PIN SIGNAL NAME	PIN SIGNAL NAME	PIN SIGNAL NAME

NO 변경일차	DATE 변경일차	DESCRIPTION OF REVISION 변경 내용	DESIGNED 작성	CHECKED 검토	APPROVED 승인	MATERIAL 재질			SPECIFICATION 규격			FINISH 표면처리	QUANTITY 수량	SCALE 척도 UNIT 단위 mm	
						DESIGNED 작성	CHECKED 검토	APPROVAL 승인	DESIGNED 작성	CHECKED 검토	APPROVAL 승인				DRAWING NUMBER 도번
						강도현	박재규	최국훈	HY-X7161-1						
DESIGNED 작성						상원전자 주식회사			3RD ANGLE PROJ			HANYONES TECH CO.,LTD			FILE NO.
						Hanyones			한유안			ELECTRONICS CO.,LTD			