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RoHS COMPLIANT

REVISIONS				
REV	ECN NO.	DESCRIPTION	APPROVED BY	DATE

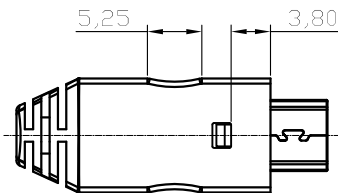
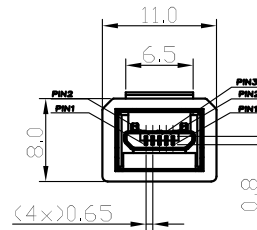
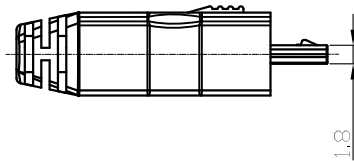
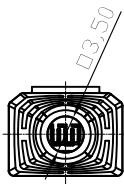
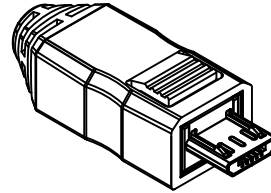
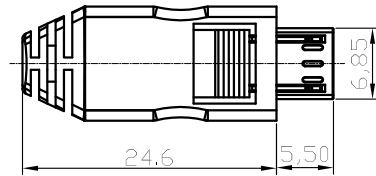
Specification:

- ×Contact Resistance:
  - (1)30m Ohm Max. at 100mA
  - (2)10,000 Cycles After: 40m Ohm Max.at 100mA
- ×Rated Voltage: AC 30V
- ×Contact Current Rating:
  - (1)Signal Line (No. 1 to 5)
  - (2)2-Line For Power: 1.8A/Pin(No. 1 and 5),0.5A/Pin(No. 2 to 4)
- ×Insulation Resistance: 100M Ohm Min. At 500V DC
- ×Dielectric Withstanding Voltage: 100V AC for 1 Minute
- ×Durability (Life Test): 10,000 Cycles
- ×Insertion Force: 35 Newton Maximum
- ×Extraction Force: 8 Newton Minimum.
- ×Operating Temperature: -30° to +80°C
- ×Solderability: 260°C +/-5°C;5 Sec

Ordering Information

186f -  $\frac{XX}{a} \frac{X}{b} \frac{X}{c} \frac{X}{d} \frac{X}{e} \frac{X}{f}$

- a. No. Of Pins
  - 03: 03 positions
- b. Contact Type
  - 1: Male
  - 2: Female
- c. Contact Plating
  - 0: Gold flash selective gold
  - 1: 50u selective gold on contact
  - 2: 15u selective gold on contact
  - 3: 30u selective gold on contact
  - 4: 50u selective gold on contact
- d. Shell Plating
  - 1: Nickel(Standard)
  - 2: Tin(matte tin)
  - 3: Gold
  - 4: SUS
  - 5: GREASINESS
- e. Insulator Color
  - 1: Black
  - 2: White
  - 3: Black High temperature(Standard)
- f. Type
  - 1: B type-1(Male)
  - 2: B type-2(Male)
  - 3: AB type
  - 4: B type
  - 5: A type
  - 6: ASSY B type
  - 7: Solder B type



NO	NAME	MATERIAL	FINISH	Q'TY	REMARK
1	HOUSING	LCP+GF30%	BLACK	1	
2	PIN TERM.	PHOSPHOR BRONZE T+0.2	GOLD PLATED 30u	5	Gold 30u
3	SHELL	Phosphor Bronze	Nickel	1	

DIMENSIONS: <input type="checkbox"/> mm [INCH] <input type="checkbox"/> INCH [mm] <input checked="" type="checkbox"/> mm ONLY		CAD GENERATED DRAWING, DO NOT MANUALLY UPDATE		LAN Accessories Co., Ltd.	
UNLESS OTHERWISE SPECIFIED, GENERAL TOLERANCE: DECIMALS      ANGLES X, ±0.38 [0.015]      X° ±3° .X ±0.25 [0.010]      .X° ±1.0° .XX ±0.13 [0.005]		DRAWN BY AND DATE JUSTIN XING 08-09-04		CHECKED BY AND DATE JUSTIN XING 08-09-04	
MATERIAL		APPROVED BY AND DATE MICHAEL HUANG 08-09-04		TITLE Micro USB Plug Set	
FINISH		THIRD ANGLE PROJECTION		DRAWING NO. 186f-0513134	
SCALE: 2 : 1		SIZE: A3		REV A	
FILE NO.:				SHEET 1 OF 1	

DO NOT SCALE DRAWING