



MODEL NO.:
D3146A-A BK7 AU01 L-RH
 (1) (2) (3) (4) (5) (6)

(1) Series no.
 (2) Schematic type: A
 (3) Housing material and color:
 BK7=PA10T(black)
 (4) Terminal plating:
 AU01=1#~6# Gold flash On Contact
 Area and Solder Area,All
 over Nickel Plated.
 (5) Packing mode:L=Reel packing
 (6) Environmental requirements:
 RH=RoHS & Halogen Free

SPECIFICATION:

1.Electrical characteristics
 1.1.Current rating:DC 0.5A max.
 1.2.Voltage rating:DC 30V.
 1.3.Contact resistance: $\leq 50m\Omega$ (Initial)
 After test: $\leq 100m\Omega$
 1.4.Insulation resistance:
 100M Ω min. at 500V DC.
 1.5.Withstanding voltage:
 500V AC for 1 minute.

2.Mechanical characteristics
 2.1.Life test:5000 cycles min,
 2.2.Mating force:3.9~29.4N,
 Unmating force:3.9~29.4N.
 3.Temperature range: -40°C~+80°C

NO.	DESCRIPTION	QTY	MATERIAL	REMARK
⑦	Separator	1		
⑥	Housing	1	PA10T UL-94V0	Black
⑤	Make terminal	6		
④	Transfer Spring	5		
③	Ring spring	3/4	Phosphor bronze (C5210), 0.20t	Gold flash On Contact Area and Solder Area. All over Nickel Plated
②	Tip spring	2		
①	Earth spring	1		

Recommended FPC Layout
 Bottom view(Tolerance:±0.05)

					X.°	±2°	DESIGN	刘伟	2018.02.03	东莞市高迪电子有限公司		
					.X°	±1°	CHECK					
					.X	±0.30	APPROVAL					
					.XX	±0.20						
ECN NO.	REV	DATE	DESCRIPTION	CHANGE	APPRO.	GENERAL TOLERANCE UNLESS OTHERWISE NOTED	SCALE: 3:1	UNIT:mm	A4	SHEET:1 of 1	TITLE:	Φ3.5mm PHONE JACK
	A-0	2018.02.03	NEW	YUFUN	余军						MODEL NO.	D3146A-ABK7AU01L-RH
											FILE NO.	Q/SSY.QW-001A-0548