



Pin Type	interface	Dim L	Pin No.
detect		3.50MM	25, 26
General		4.25MM	all other pins
power		5.00MM	1,13,38,50

Notes:
 1. All Dimensions are in Millimeters.
 2. Material and Finish:
 Housing: LCP Black U194-0
 Contact: Copper alloy
 Finish: Selective Gold 1~30µ" on contact area, Tin 160µ" on solder tail, underplated Nickel 50µ" Min

- Ground: Copper alloy
- Finish: All plated Tin 160µ", underplated Nickel 50µ" Min
- Shell: Stainless steel
- 3. Operation voltage: 100 VAC max.
- 4. Current rating: 1 Amps max.
- 2. Contact resistance: 40m ohms max.
- 6. Insulation resistance: 1000M ohms min. 500 VDC
- 7. Dielectric withstanding voltage: 500 VAC / minute
- 8. Operating Temperature: -20°C to +60°C
- 9. Storage Temperature: -40°C to +70°C
- 10. Total Mating Force: 28.8N (MAX) at 25 mm/minute
- 11. Total Unmating Force: 4.9N (MIN) and 24.5N(MAX) at 25 mm/minute
- 12. Single Pin Retention Force: 9.8N(MIN) at 25 mm/minute

PART NO
 10100265 **

- 64: Contact: 1µ" gold solder tail: 160µ" Tin
- 65: Contact: 3µ" gold solder tail: 160µ" Tin
- 66: Contact: 5µ" gold solder tail: 160µ" Tin
- 67: Contact: 10µ" gold solder tail: 160µ" Tin
- 68: Contact: 15µ" gold solder tail: 160µ" Tin
- 69: Contact: 30µ" gold solder tail: 160µ" Tin

RECOMMENDED P.C.B LAYOUT (TOP VIEW)

GENERAL	TOLERANCE	FILE NO.	PART. NO.	DRAWN	CHECKED	APPROVED	MATERIAL	SCALE
X ±0.50	X ± 5°	10100265	10100265**	Ints. He	Henry. Wan		DATE: 2009/9/7	UNIT: mm
.X ±0.38	X ± 2°							
.XX ±0.25	.XX ± 1°	A4					Amphenol Shouhmin Industry	

REV.	ECN NO.	MODIFY CONTENT	DATE
A	ES.00609.114	ADD SPEC	9/28/2006
B	ES.00712.010	copper shell changed	12/3/2007
C	ES.00909.011	add Material and Finished Size	9/7/2009