



**Material and Finish:**

1. Insulator Material: Cover: Nylon-9T, UL94V-0, Color: Black  
Base: Nylon-9T, UL94V-0, Color: Black
2. Contact Material: Phosphor Bronze
3. Contact Plated: A:  $3\mu$ ,  $15\mu$ ,  $30\mu$  selective gold plating with B:  $100\mu$  tin
4. Switch Terminal Material: Phosphor Bronze
5. Switch Terminal Plated: See Remark "A", "B"
6. Current Rating: 0.5 AMP Max.
7. Contact Resistance: 100 mohms Max.
8. Insulation Resistance: 1000 Mohms Min.
9. Dielectric Withstanding Voltage: 500V AC
10. Operating Temperature:  $-40^\circ\text{C}$  to  $+85^\circ\text{C}$
11. Packing: Tray
12. Card Detection Switch
13. Mating Cycle: 30,000 cycles
14. Coplanarity: 0.12mm Max.

**PRODUCT NUMBER:**  
116A-S X X 0-R  
1 2 3

1. Type  
S: SMT Type
2. Contact Plating  
A:  $30\mu$  Gold Plating  
B:  $15\mu$  Gold Plating  
C:  $3\mu$  Gold Plating
3. Card Detector  
O: Normal open  
C: Normal close

						UNLESS OTHERWISE SPECIFIED TOLERANCE				
						ANGLES	ANG.	$\pm 5^\circ$		
						LINEAR	0.	$\pm 0.3$		
							0.00	$\pm 0.25$		
						SCALE	AS SHOWN	UNIT: mm	<small>www.allconnectors.de    info@allconnectors.de</small> <small>TEL: 0049 71 209501    fax: 0049 71 209504</small> <small>70794 Hilsbach - Germany    Germany 25</small>	
A  Revise:						DRAWN	Willis	2012/08/03	DRAWN NAME: Smart Card Socket	
Revise:						CHECKED	Angel	2012/08/03	PRODUCT NO. 116A-SXX0-R	
Revise:						APPROVED	Ken	2012/08/03	FILE NAME 116A-SXX0-R_B_1	
REV.	DESCRIPTION	DATE	REV.	DESCRIPTION	DATE	SIZE	REV.	FILE NAME		
1						A4	1.0			