

**Material and Plating:**

Housing: LCP, 30% Glass Filled, UL94V-0, Natural Color.  
Signal Contacts: Phosphor Bronze.

Gold Flash on Contact Area and 80~160u" Tin Plated on Solder Tail over Nickel 50~120u" under plated.

**Electrical Characteristics:**

Current Rating: 0.5 AMP.  
Dielectric Withstanding Voltage: AC 500V For 1 minute.  
Insulator Resistance: 500MΩ min. at DC 250V.  
Contact Resistance: 30mΩ max. at DC 100mA.  
Operating Temperature: -45°C ~ +125°C.

**\*RoHS Compliant**

Series: 803HC82-xx C xx D P x T - M  
Position: xx C xx D P x T - M  
M: Metal Pad  
T: Tape & Reel Package  
Code B  
P: With Post  
N: Without Post  
D: SMD Type


Plating: G: Gold Plated, C: Selective Gold Plated  
Pitch: 00: G/F, 10: 10μ", 30: 30μ"

"\*" Available Position

Code	Pos.	Dimension		
		A	B	C
*	60	23.20	29.80	28.20
*	80	31.20	37.80	36.20
*	100	39.20	45.80	44.20
*	120	47.20	53.80	52.20
*	140	55.20	61.80	60.20

Code(B)	1				2				
	Height(H)				Height(H)				
	3.70				7.70				
803HC81	(A) Code	1	2	3	4	1	2	3	4
	Height(mm)	46	56	66	76	46	56	66	76
803HC82	(B) Code	1				2			
	Height(mm)	3.7				7.7			
Stacked Height(Y)mm		5.0	6.0	7.0	8.0	9.0	10.0	11.0	12.0

**PROPRIETARY NOTE:**  
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.X ± 0.30	APPROVED:	 <a href="http://www.rego.com.tw">http://www.rego.com.tw</a>
.XX ± 0.20	CHECKED:	
.XXX ± 0.15	DRAWN:	
X* ± 3'		
UNITS:	SCALE:	TITLE: High Speed Board to Board 0.8mm Female Type Connector
mm	NONE	PART NO: 803HC82-xxCxxDPxT-M
		SHEET: 1 of 1

A	24.7.2017
REV	DATE