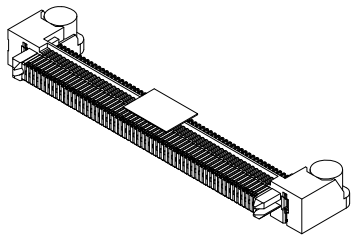
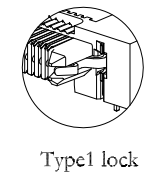
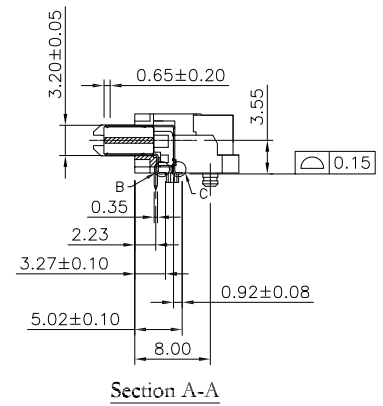
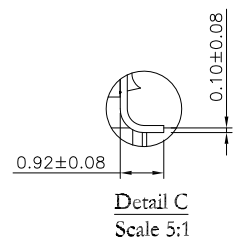
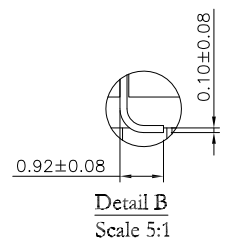
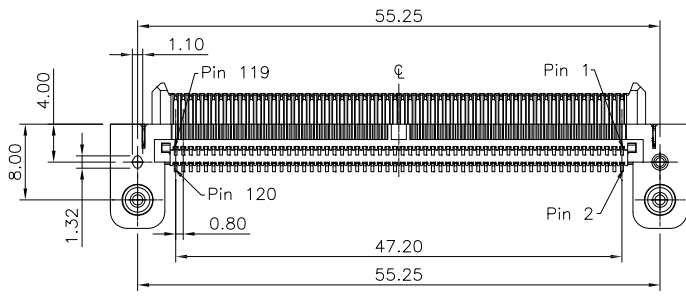
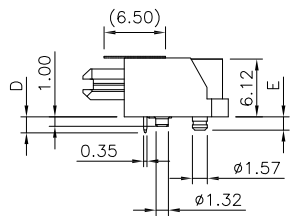
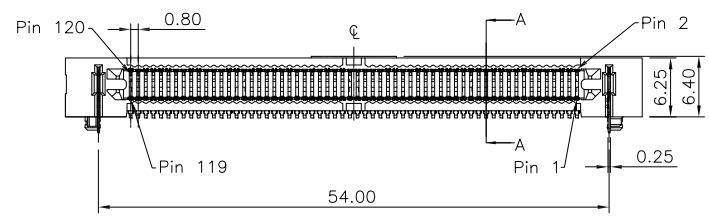
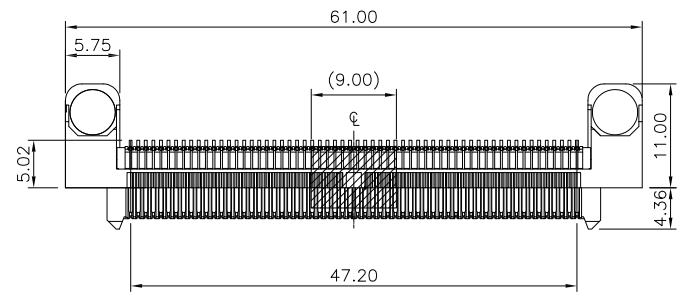



**Material:**  
 Housing: LCP, UL94V-0, Black.  
 Contacts: Phosphor Bronze, Gold Plated on Contact Area and Matte Tin Plated on Solder Tail over Nickel 50 u" Min.  
 Counterweight: Brass  
 Latches: Brass  
**Electrical Characteristics:**  
 Current Rating: 1.4 AMP.  
 Dielectric Withstanding Voltage: AC 900V.  
 Insulation Resistance: 50000MΩ min.  
 Contact Resistance: Δ 15mΩ max.  
 Operating Temperature: -55°C ~ +125°C.  
**\*RoHS Compliant**

803HC86- 1 2 X 60 C 3 D 1 X M L T - S  
 Series  
 1: Male Right Angle  
 Double Row  
 Position Per Row  
 C: Selective Gold Plated  
 3: 10μ"  
 7: 30μ"  
 D: SMD Type  
 Code1-2  
 S: Mylar  
 Blank: W/O Mylar  
 T: Tape&Reel Package  
 L: Type lock  
 L1: Type1 lock  
 M: Metal Post  
 Blank: W/O Metal Post  
 Blank: Signal Pin 0.65mm  
 Ground Pin 0.65mm  
 A: Signal Pin 1.35mm  
 Ground Pin 0.65mm

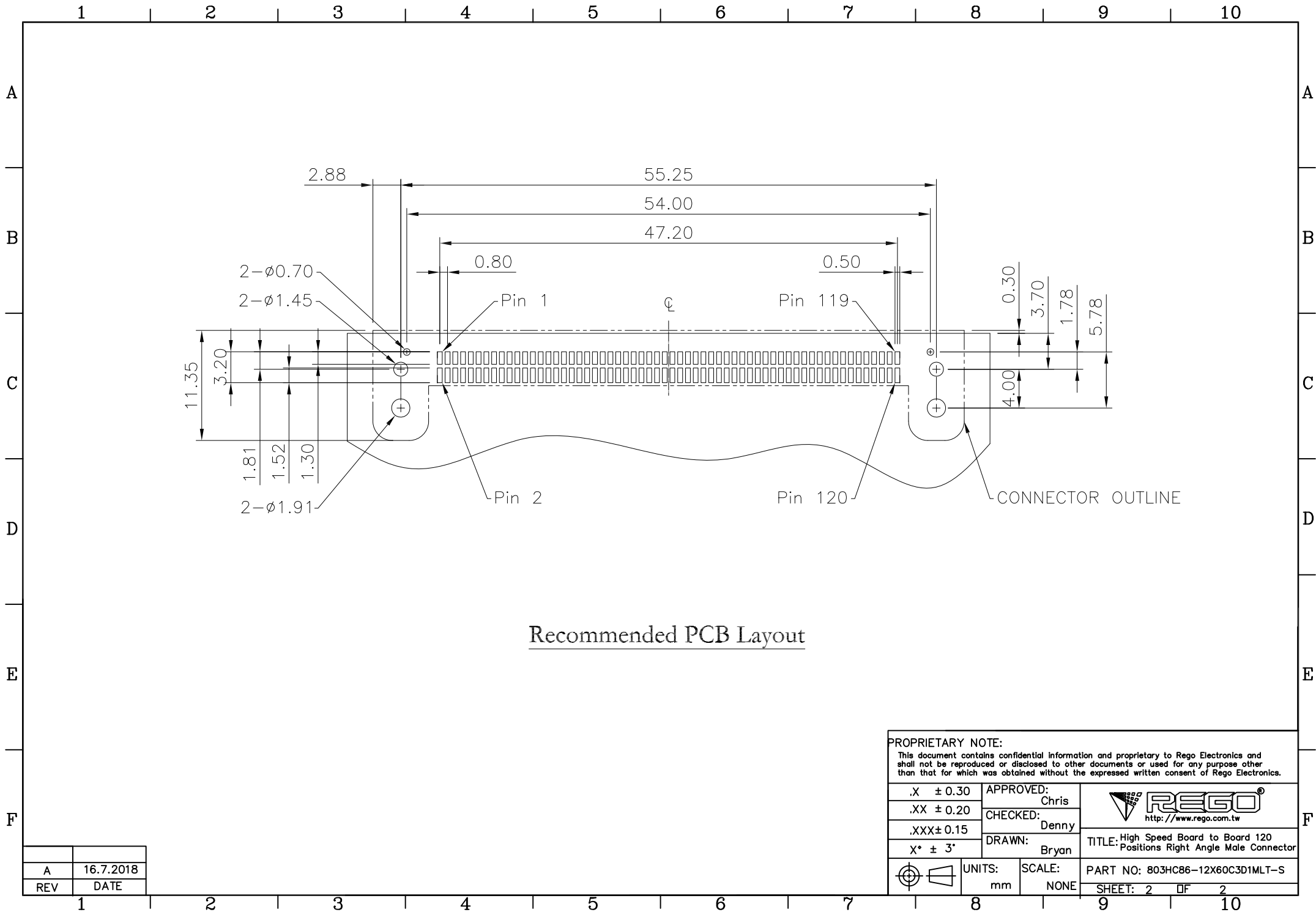


PCB Thickness Dimension	Code	Lock D	Metal Post E
1.58	1	1.68	1.40
2.36	2	2.46	2.19

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.X ± 0.30	APPROVED: Chris	 <a href="http://www.rego.com.tw">http://www.rego.com.tw</a>	
.XX ± 0.20	CHECKED: Denny		
.XXX ± 0.15	DRAWN: Bryan		
X* ± 3'	UNITS: mm	SCALE: NONE	TITLE: High Speed Board to Board 120 Positions Right Angle Male Connector PART NO: 803HC86-12X60C3D1MLT-S SHEET: 1 OF 2

A	16.7.2018
REV	DATE



Recommended PCB Layout

A	16.7.2018
REV	DATE

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.X ± 0.30	APPROVED: Chris	 <a href="http://www.rego.com.tw">http://www.rego.com.tw</a>
.XX ± 0.20	CHECKED: Denny	
.XXX ± 0.15	DRAWN: Bryan	TITLE: High Speed Board to Board 120 Positions Right Angle Male Connector
X° ± 3°	UNITS: mm	SCALE: NONE
		PART NO: 803HC86-12X60C3D1MLT-S
		SHEET: 2 OF 2