

A

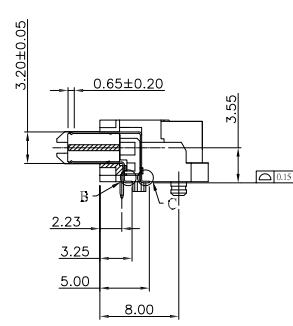
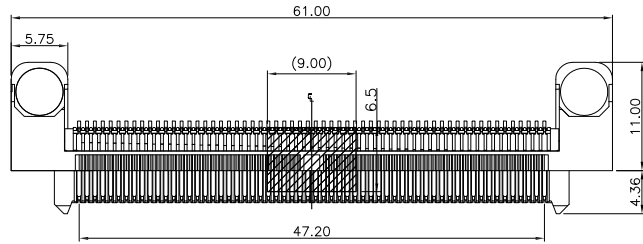
B

C

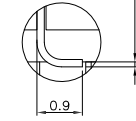
D

E

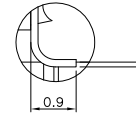
F



Section A-A



Detail B
Scale 5:1



Detail C
Scale 5:1

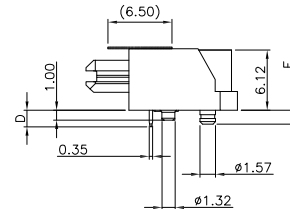
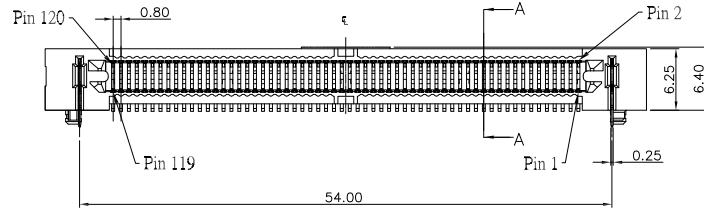
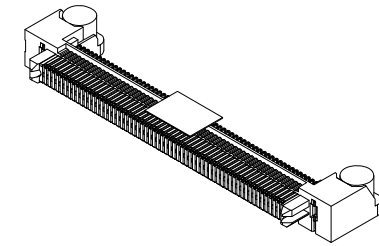
Material and Plating:

Housing: LCP, UL94V-0, Black.
 Contacts: Phosphor Bronze
 Gold Plated on Contact Area and 80u" Min Tin Plated on Solder Tail over Nickel 50 u" Min.
 Counterweight: Brass
 Latches: Brass

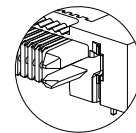
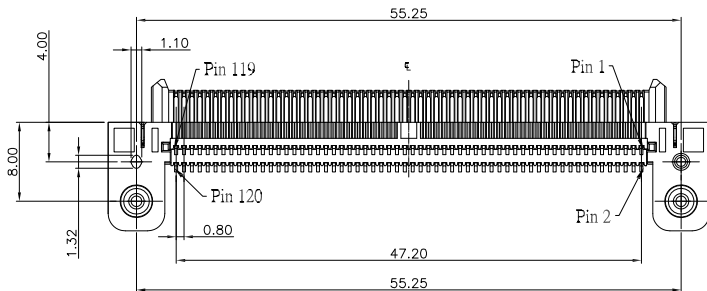
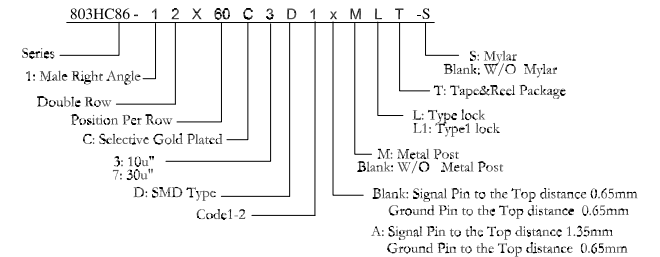
Electrical Characteristics:

Current Rating: 1.4 AMP.
 Dielectric Withstanding Voltage: AC 900V.
 Insulation Resistance: 50000MΩ min.
 Contact Resistance: 25mΩ max.
 Operating Temperature: -55°C~+125°C.

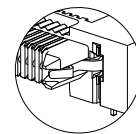
***RoHS Compliant**



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




Type lock



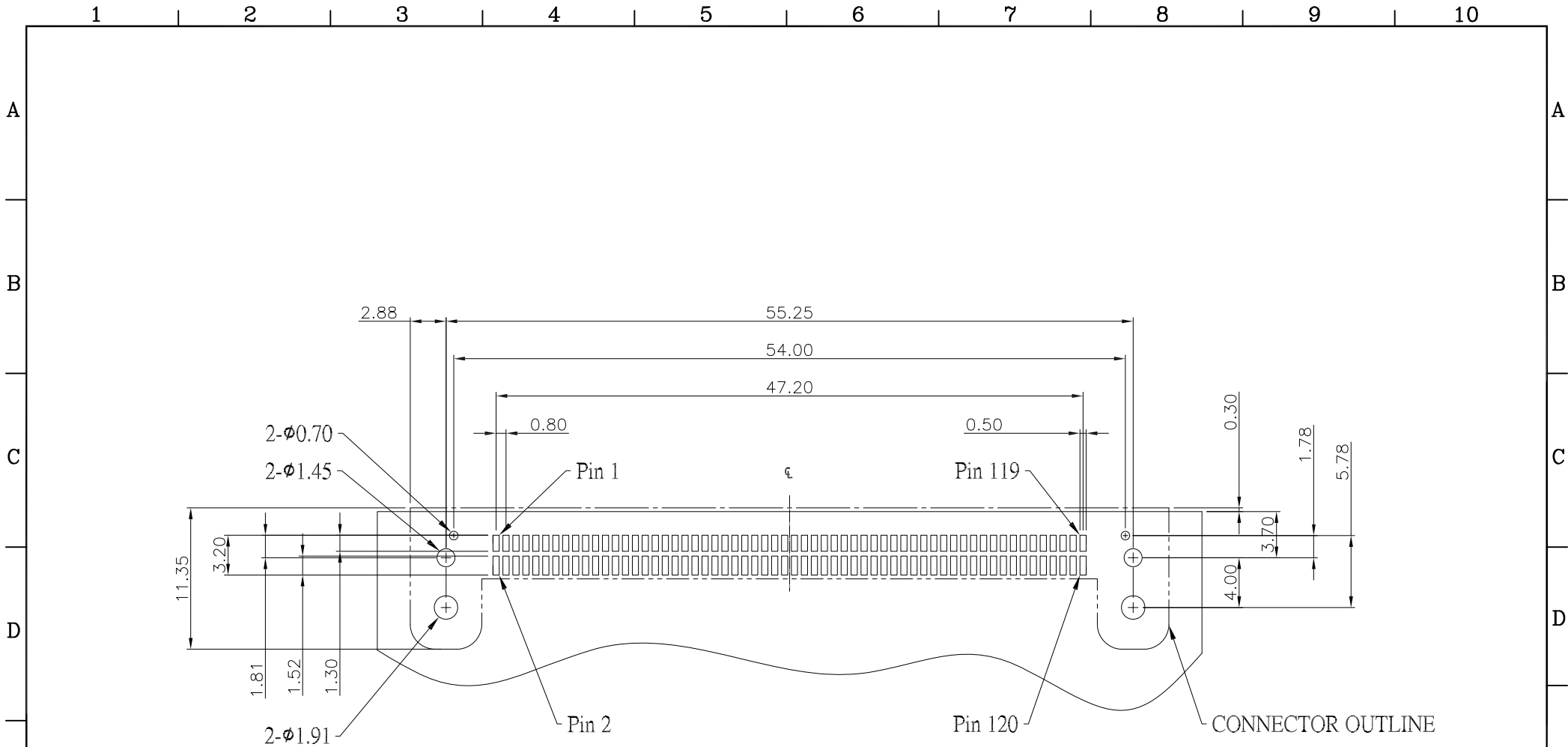
Type1 lock

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
.X ± 0.30	APPROVED: Chris	 http://www.rego.com.tw	
.XX ± 0.20	CHECKED: Andy		
.XXX ± 0.15	DRAWN: Vic		
X* ± 3'	UNITS: mm	SCALE: NONE	TITLE: High Speed Board to Board 120 Positions Right Angle Male Connector PART NO: 803HC86-12X60C3D1xMLT-S SHEET: 1 of 2

R1	15.10.2022
REV	DATE



Recommended PCB Layout
(Tolerance: ±0.05)

R1	15.10.2022
REV	DATE

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.X ± 0.30	APPROVED: Chris	 http://www.rego.com.tw High Speed Board to Board 120 Title: Positions Right Angle Male Connector	
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X* ± 3°			
	UNITS: mm	SCALE: NONE	PART NO: 803HC86-12X60C3D1xMLT-S
			SHEET: 2 of 2