

RECOMMENDED PCB LAYOUT

## 7420 Series (Male Q Type)

### FEATURE :

Insulator Material : PBT UL94V-0 Color : Gray  
 Contact Material : Brass  
 Board-Lock (Optional) : Brass, 100μ" Tin Plating Min.  
 Plating : Selective Gold Plating On Contact Area  
 100μ" Tin Plating On Solder Area  
 50μ" Nickel Min. Underplating

### SPECIFICATION :

Current Rating : 20°C 2A, 70°C 1A, 100°C 0.5A  
 Contact Resistance : 30 Milliohms Max. at DC 100mA  
 Operation Temperature : -55°C to +125°C  
 Dielectric Voltage : AC 1000V For 1 Minute  
 Insulation Resistance : 1000 Megaohms Min. At DC500V  
 Operating Voltage : 250VAC

### ORDERING INFORMATION :

7420 - □□ - T - □ - □ - □ - □

#### Board-Lock

N : No Board-Lock  
 L : With Board-Lock

#### Tail Length

1 : 4.00 mm  
 2 : 2.50 mm

#### Plating

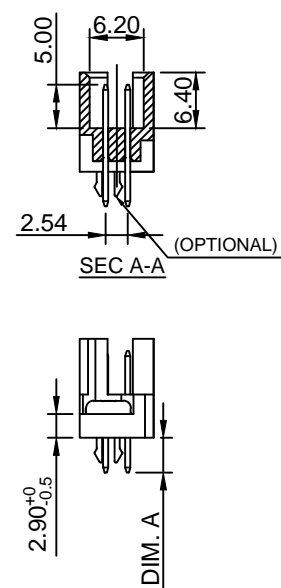
2 : G/F Plating On Contact Area  
 8 : 15u" Gold Plating On Contact Area  
 6 : 30u" Gold Plating On Contact Area

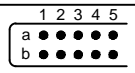
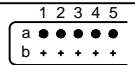
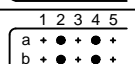
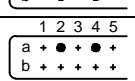
#### Row / Positions With Contact Type



(See Chart A)

T : Straight Solder Type

#### No. of Contacts



Code	No. of Contact	Rows / Positions With Contact	Pitch
A	64	Row a + b 	2.54 mm
B	32	Row a 	2.54 mm
C	32	Row a + b All Even No. 	5.08 mm
D	16	Row a All Even No. 	Half - Loaded

Title : Customer Drawing		Type : DIN 41612 Eurocard		 彩電企業股份有限公司 CHARTRON INCORPORATION				
Part No. : 7420 Series Q Type								
Description : 7420 Series Male Q Type				Tolerances Unless Otherwise Specified :				
X. ± 0.50		.X ± 0.38		.XX ± 0.25				
X. ° ±		.X ° ±		.XX ° ±				
DWG No. : 010 - 0003 - 742	Date : 01 - Feb. - 2018		 Dim. Scale Sheet Rev. mm N/A 1 of 1 D					
APPD. : James C.	CHK. : Connie Z.	DRW. : Bryant C.						