
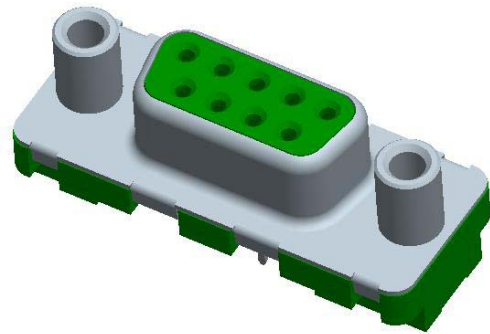
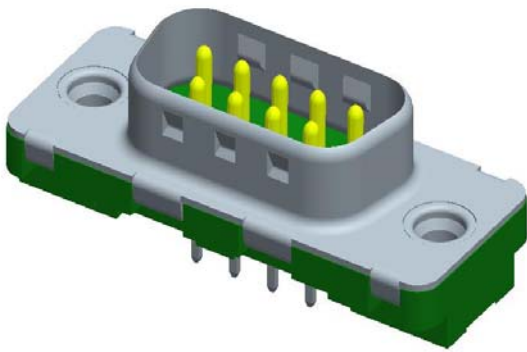
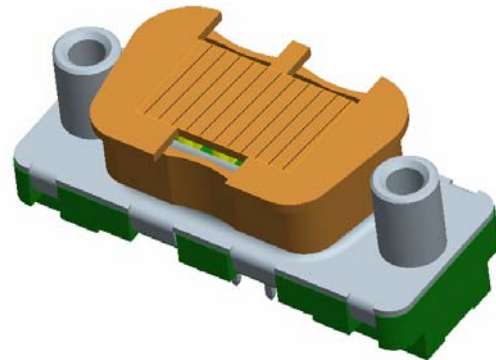
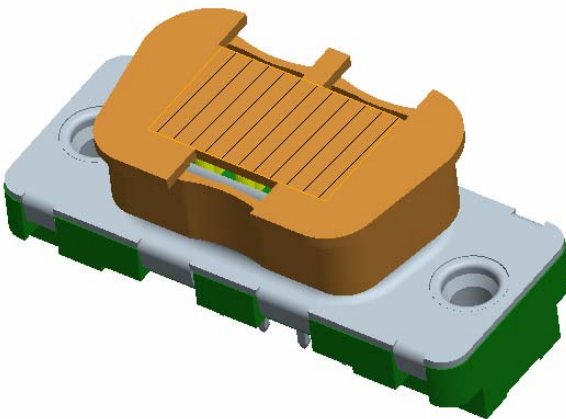


NUMBER <b>GS-12-372</b>	TYPE <b>PRODUCT SPECIFICATION</b>		
TITLE <b>SUB DELTA D PIP</b> <b>FCI P/N : D--P/S24A6R---LF &amp; D-P/S24B6R---LF</b>		PAGE 1 of 6	REVISION C
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CLASSIFICATION <b>UNRESTRICTED</b>			


## SUD DELTA D PIP



**For Hand Placing or Gripper**



**For vacuum nozzle**

NUMBER <b>GS-12-372</b>	TYPE <b>PRODUCT SPECIFICATION</b>		
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# 1. Scope

This product specification covers the requirements of a SUB DELTA D PIP.

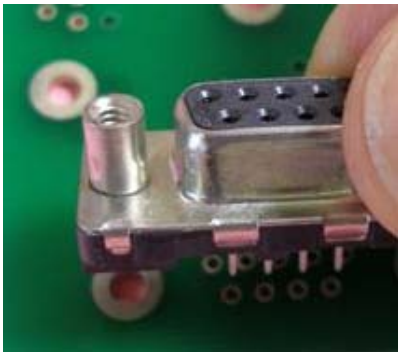
For Product Pick Process: Hand Placing / Gripper / Vacuum Nozzle

# 2. Product description

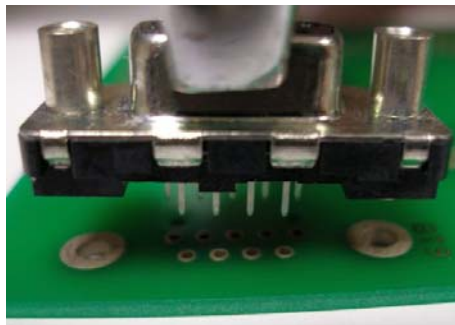
## 2.1 General

PRODUCT LEAD FREE IN ACCORDANCE TO ROHs 2002/EC/95  
UL 94 V0: E118235(R)

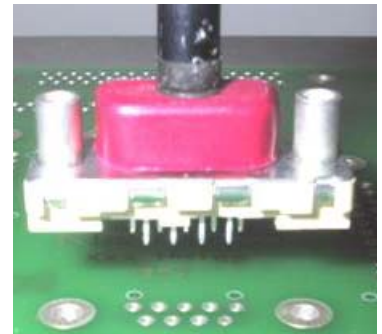
FOR EXEMPLE




HAND PLACING



GRIPPER



VACUUM NOZZEL

NUMBER <b>GS-12-372</b>	TYPE <b>PRODUCT SPECIFICATION</b>		
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## 2.2 Design and construction

The connector shall be of design, construction and physical dimensions as specified on the applicable product customer drawings:

### Code 24A

Hand Placing: **C01-8646-0878 / C01-8646-0879**  
 Gripper: **C01-8646-0876 / C01-8646-0877**  
 Vacuum Nozzle: **C01-8646-0874 / C01-8646-0875**

### Code 24B

Hand Placing: **C01-8646-0883 / C01-8646-0884**  
 Gripper: **C01-8646-0885 / C01-8646-0886**  
 Vacuum Nozzle: **C01-8646-0887 / C01-8646-0888**

## 2.3 Materials and plating

### 2.3.1 Housing dielectric material

Plastic raw material: LCP, 30% glass fiber, UL94 V-O rating  
 Black colour

### 2.3.2 Terminal material

Copper Alloy CuSN8

### 2.3.3 Terminal Plating


Gold over Nickel on mating area metal  
 Tin over Nickel on termination

### 2.3.4 Shell material

Steel

### 2.3.5 Shell Plating

Ni over Cu

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### 2.3.6 Accessory Material

Brass

### 2.3.7 Accessory Plating

Pure Tin over Ni + Cu

### 2.3.8 CAP Material

PA4.6

## 3. Characteristics

### 3.1 Characteristics and Test sequence

In accordance with:  
DIN 41 652 and CEI 512-  
Other LNZ4404

### 3.2 Cycles

500Min accordance to DIN 41652

### 3.3 Temperature

Temperature Range: -50°C to 125 °C

### 3.4 Accessories

Insert M3 or UNC 4-40: Retention against torque 0.7N.m Min.  
Female screw lock: Retention against torque 0.5N.m Min


## 4. Reflow process

### *Lead free soldering*

In accordance with: JSTD\_020C 5 (solder pick to 265°)

## 5. Packaging

In accordance with GS-14-1061 for Hand Placing  
In accordance with GS-14-1054 for Gripper  
In accordance with GS-14-1052 for Vacuum nozzle (CAP)

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## 6.Revision record

Rev.	Page	Description	ECN	YY/MM/DD
1	ALL	CREATED	-	06/02/30
2	3&5	UPDATED		06/04/13
A	ALL	Created for PDM	LS06-0087	06/05/30
B	ALL	Add: Ref DxxP/S24B6RxxLF Updated plating for Shell and Accessories	LS07-0011	07/01/15
C	ALL	New frame	LS07-0129	07/06/08