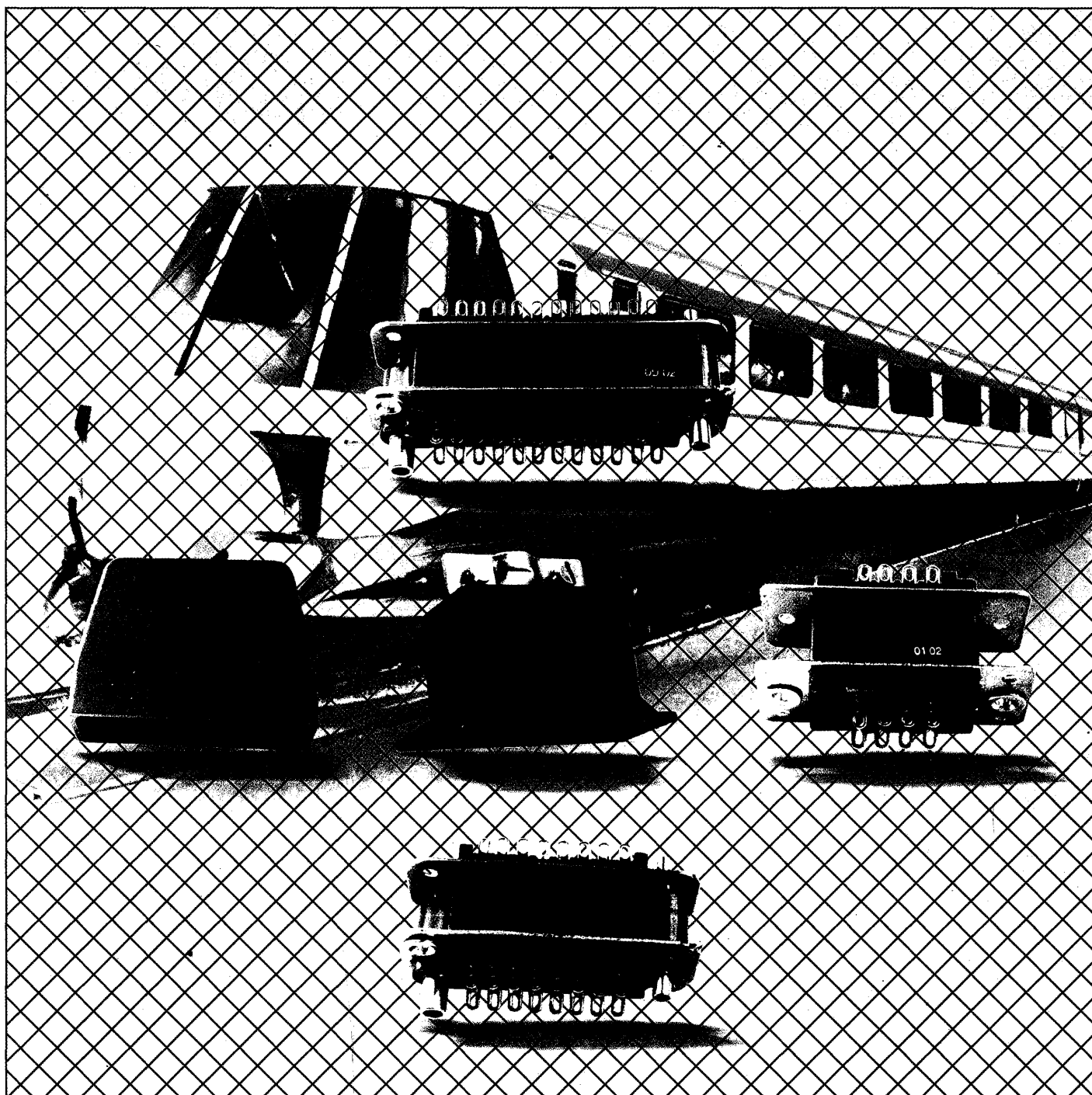


# Amphenol

## 26-Series Connectors



**Amphenol**

**26 SERIES RACK & PANEL CONNECTORS****R & P - 1**

These connectors have been developed to provide a rugged heavy duty interconnection, where size is not a limited factor and large gauge wires can be used because of ribbon contact principle. These connectors have excellent performance features like easy mating, positive contact pressure and self cleaning action. These connectors are polarised. 26 Series Rack and Panel Connectors are also qualified to meet the operating requirements of Defence Standard Joint Services Specification **JSS50812**, issued by the Electronics Components Standardization Organisation (LCSO).

**APPLICATIONS :**

These are mainly used in industrial control instruments, test equipments and transportation.

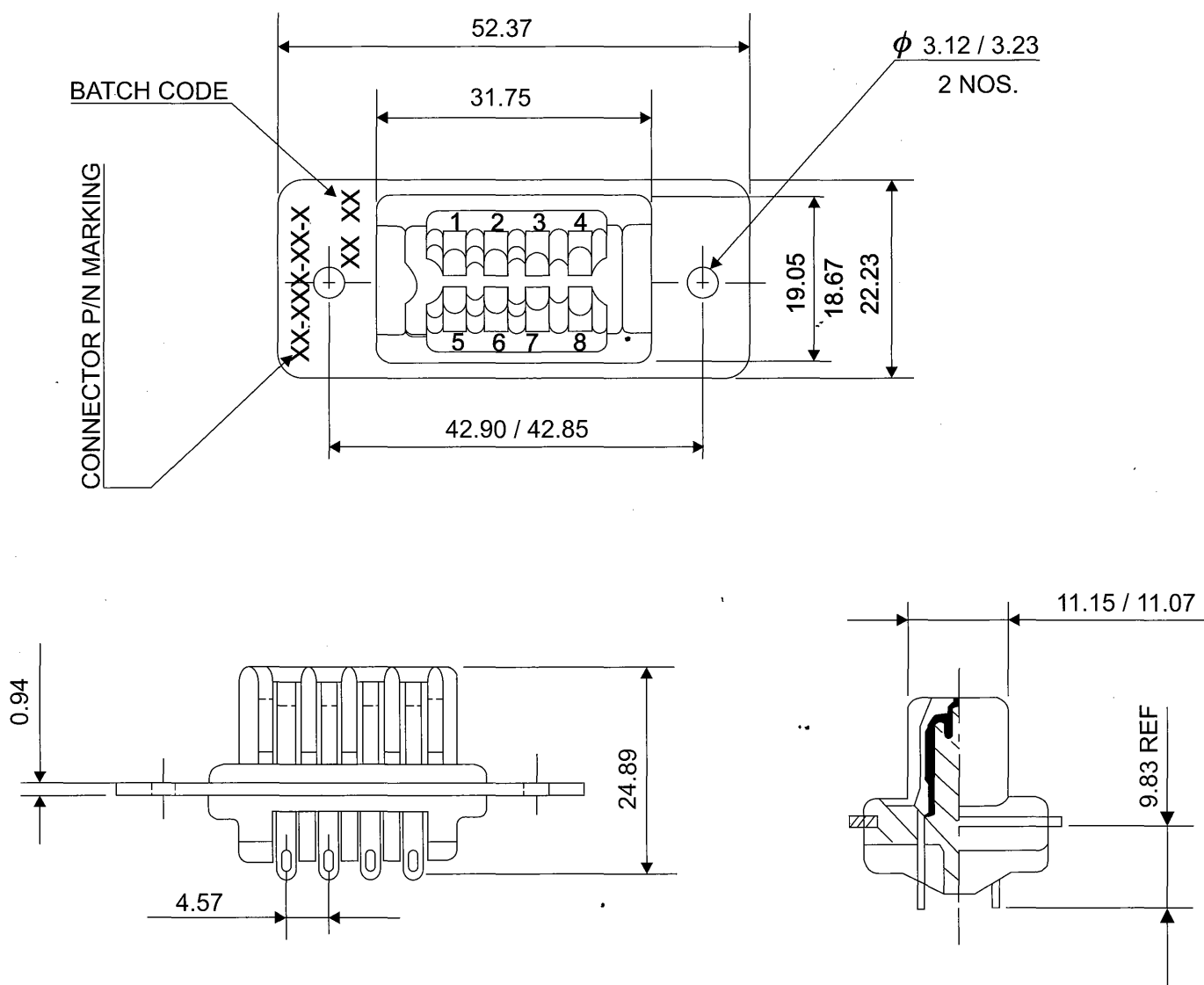
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| 24 Pin Receptacle | 8               |

**TECHNICAL DATA**

- |     |                               |                                          |
|-----|-------------------------------|------------------------------------------|
| 1)  | Operating Voltage             | : 750v rms                               |
| 2)  | Operating Current             | : 5 Amps                                 |
| 3)  | Operating Temperature         | : -55°C + 125°C                          |
| 4)  | Materials                     |                                          |
|     | a) Insulator                  | : Glass filled<br>Diallylphthalate (DAP) |
|     | b) Contact                    |                                          |
|     | i) Socket                     | : Phosphor Bronze                        |
|     | ii) Plug                      | : Brass                                  |
|     | c) Other metal parts          |                                          |
|     | i) Mounting Plate             | : Stainless Steel passivated             |
|     | ii) Guide pin                 | : Aluminium (Ni plated)                  |
|     | iii) Guide bush               | : Brass (Ni plated)                      |
|     | iv) Washer                    | : Brass (Ni plated)                      |
| 5)  | Contact Resistance            | : 11 millionhms max.                     |
| 6)  | Insulation Resistance         | : 5000 Megohms min.                      |
| 7)  | Voltage Proof                 | : 1200v rms                              |
| 8)  | Connector engagement force    |                                          |
|     | i) 8 Pin                      | : 3.7 kgs. max.                          |
|     | ii) 16 Pin                    | : 7.0 kgs. max.                          |
|     | iii) 24 Pin                   | : 11.0 kgs. max.                         |
| 9)  | Connector disengagement force |                                          |
|     | i) 8 Pin                      | : 150 gms. min.                          |
|     | ii) 16 Pin                    | : 300 gms. min.                          |
|     | iii) 24 Pin                   | : 450 gms. min.                          |
| 10) | Colour                        | : Blue                                   |

Ref : Standard / Specification : Meets requirements of  
JSS50821

## 8 PIN PLUG

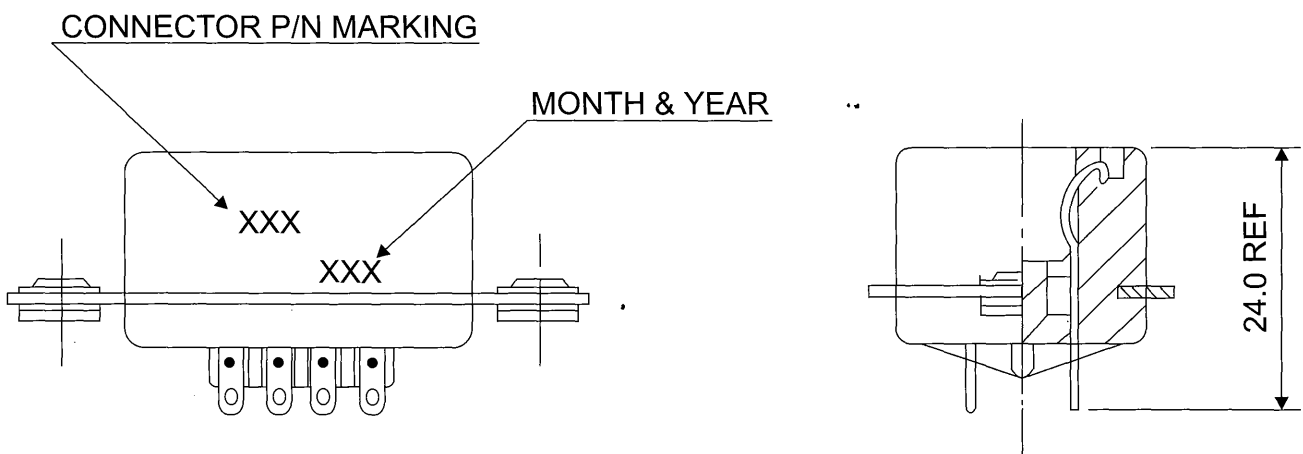
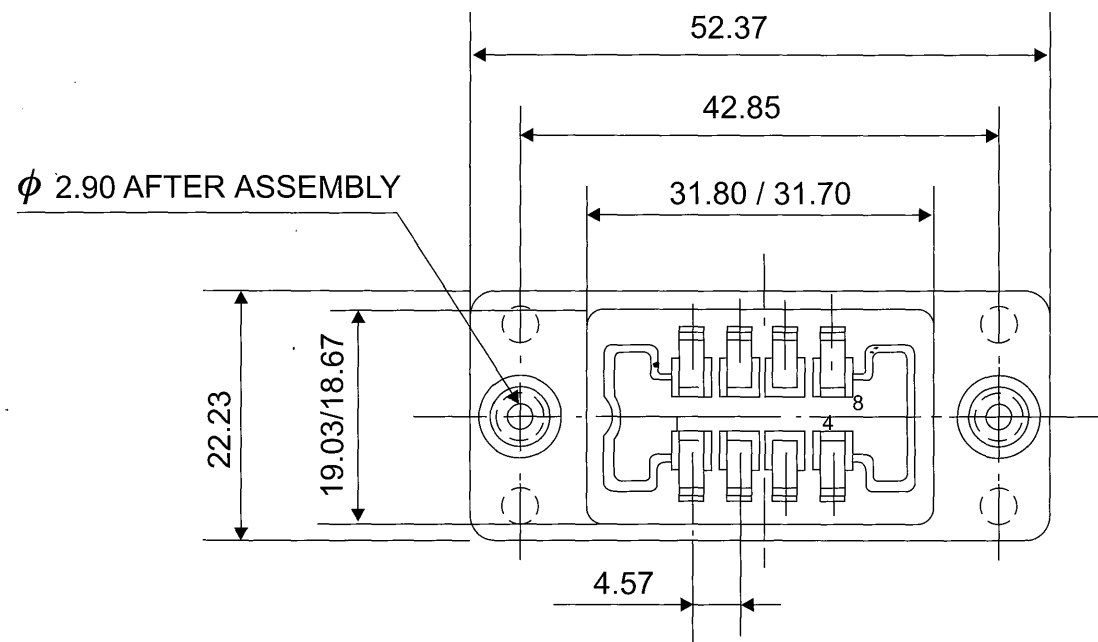


## PART NO. DETAILS

| SL. NO. | CONNECTOR P/N | NO. OF CONT. | TERMINATION TYPE | CONTACT FINISH                                  | LEVEL |
|---------|---------------|--------------|------------------|-------------------------------------------------|-------|
| 1       | 26-182        | 8            | SOLDER           | GOLD PLATE OVER NICKEL                          | 1     |
| 2       | 26-08P-004    | 8            | SOLDER           | GOLD PLATE OVER NICKEL                          | 3     |
| 3       | 26-08P-99     | 8            | SOLDER           | SILVER PL. & TIN LEAD SOLDER DIP ON TERMINATION | -     |

All dimensions are in mm

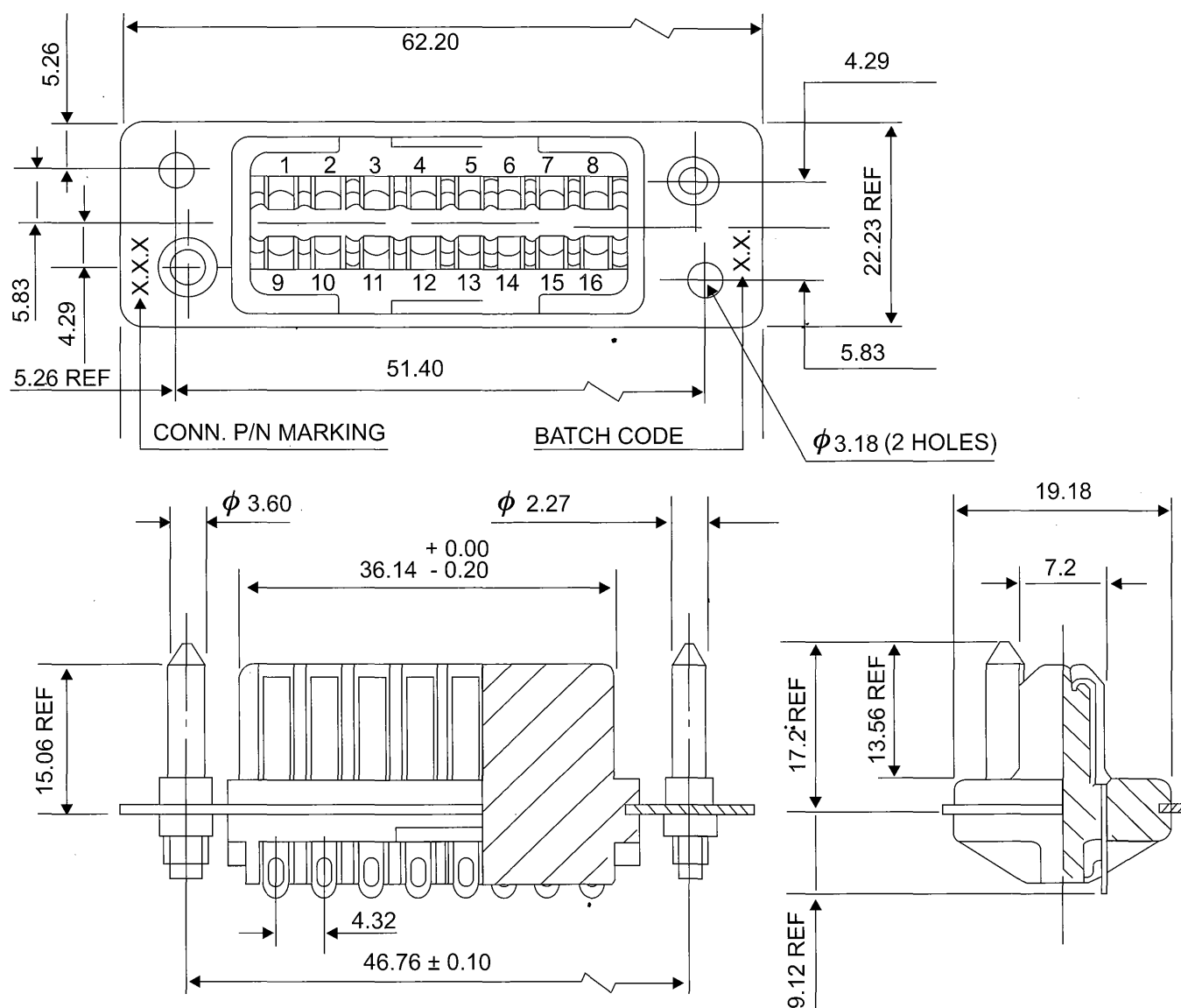
8 PIN RECEPTACLE



PART NO. DETAILS

| SL. NO. | CONNECTOR P/N | NO. OF CONT. | TERMINATION TYPE | CONTACT FINISH                                  | LEVEL |
|---------|---------------|--------------|------------------|-------------------------------------------------|-------|
| 1       | 26-183        | 8            | SOLDER           | GOLD PLATE OVER NICKEL                          | 1     |
| 2       | 26-08S-004    | 8            | SOLDER           | GOLD PLATE OVER NICKEL                          | 3     |
| 3       | 26-08S-99     | 8            | SOLDER           | SILVER PL. & TIN LEAD SOLDER DIP ON TERMINATION | -     |

All dimensions are in mm

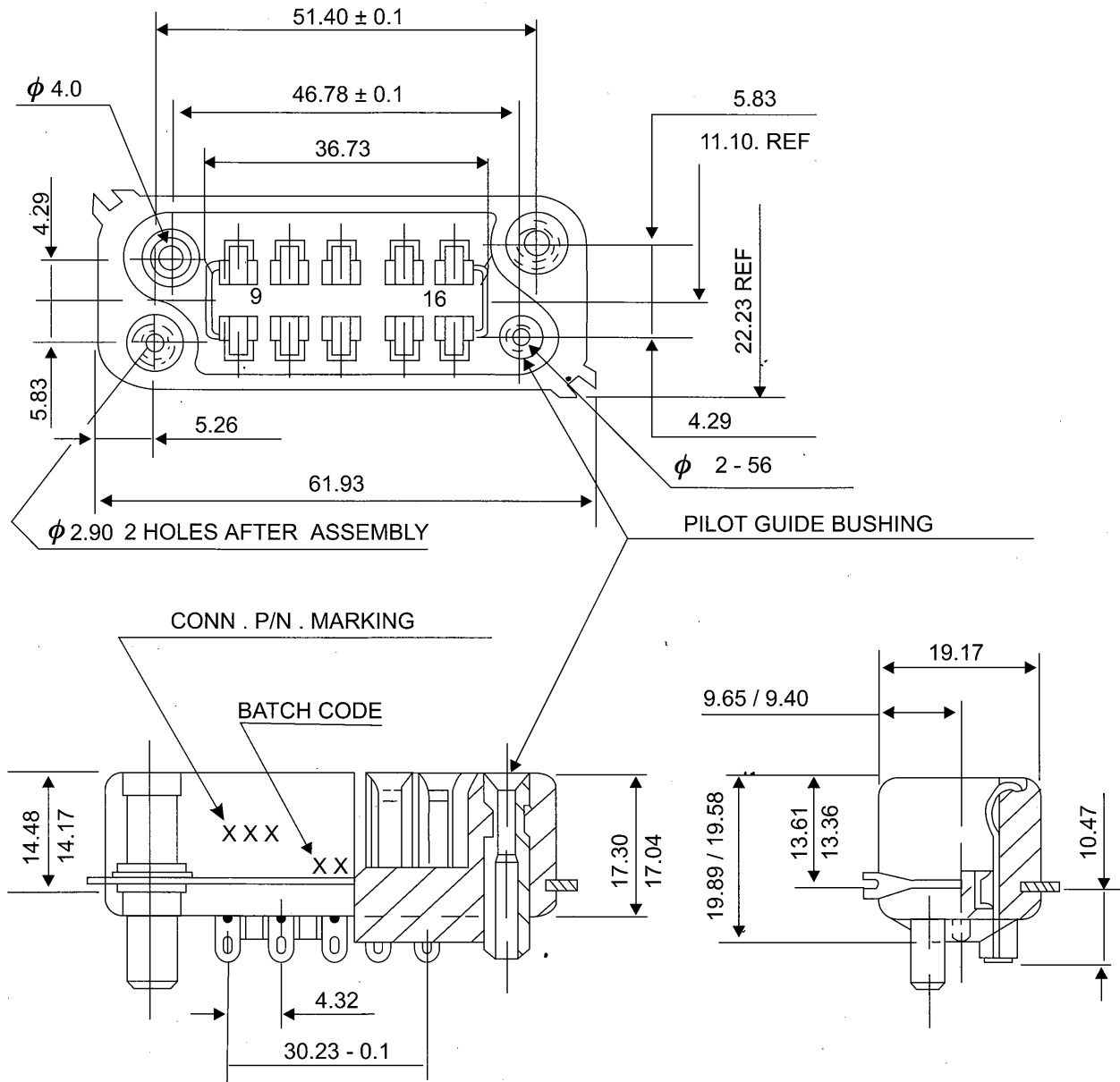


## PART NO. DETAILS

| SL. NO. | CONNECTOR P/N | NO. OF CONT. | TERMINATION TYPE | CONTACT FINISH                                                        | LEVEL |
|---------|---------------|--------------|------------------|-----------------------------------------------------------------------|-------|
| 1       | 26-159-16     | 16           | SOLDER           | GOLD PLATE OVER NICKEL                                                | 1     |
| 2       | 26-16P-004    | 16           | SOLDER           | --- DO ---                                                            | 3     |
| 3       | 26-16P-99     | 16           | SOLDER           | MATING : SILVER<br>TERMINATION :<br>TIN LEAD SOLDER<br>DIPOVER SILVER | —     |

All dimensions are in mm

16 PIN RECEPTACLE



PART NO. DETAILS

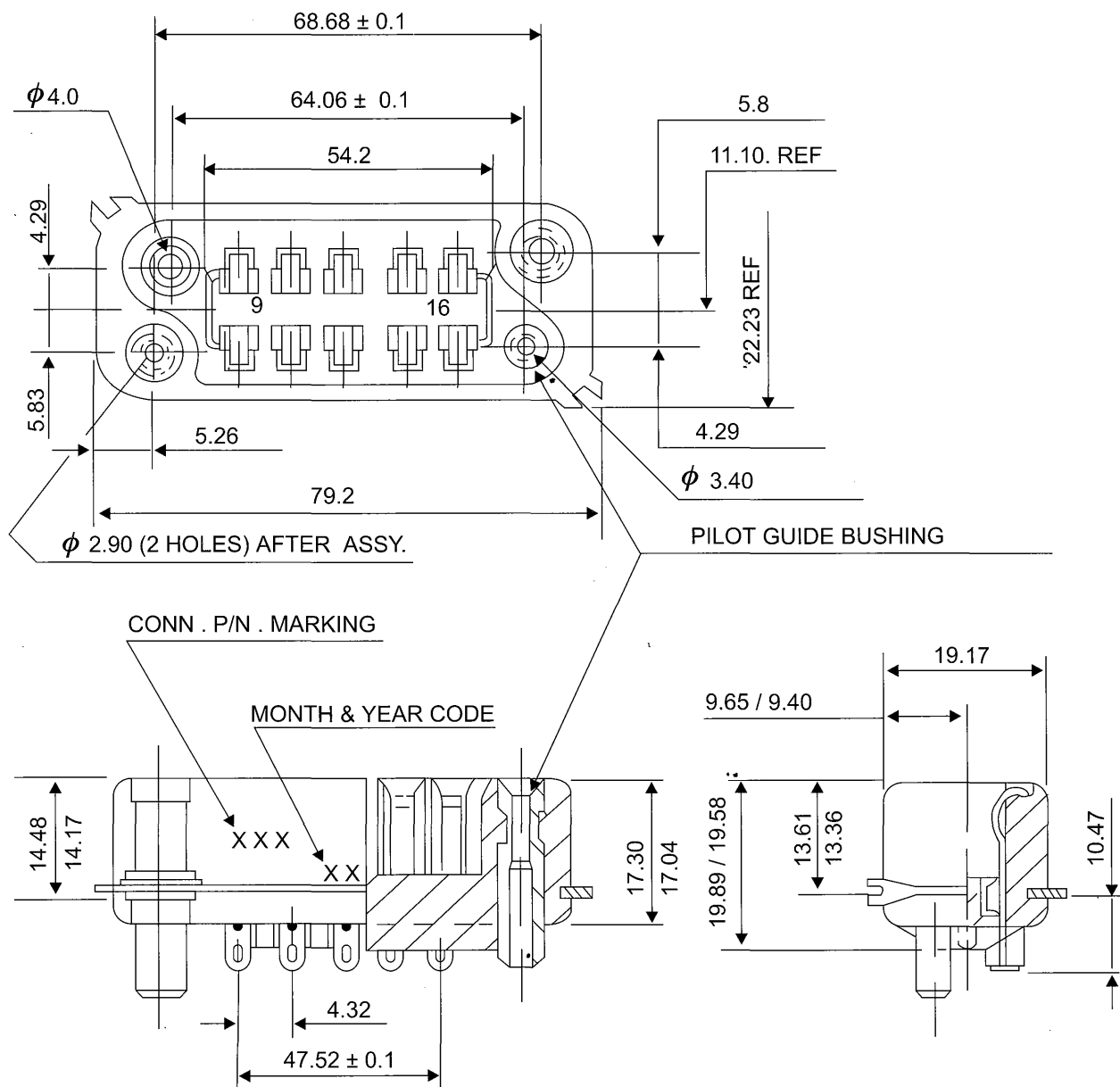
| SL. NO. | CONNECTOR P/N  | NO. OF CONT. | TERMINATION TYPE | CONTACT FINISH                                                        | LEVEL |
|---------|----------------|--------------|------------------|-----------------------------------------------------------------------|-------|
| 1       | 26 - 190 - 16  | 16           | SOLDER           | GOLD PLATE OVER NICKEL                                                | 1     |
| 2       | 26 - 16S - 004 | 16           | SOLDER           | --- DO ---                                                            | 3     |
| 3       | 26 - 16S - 99  | 16           | SOLDER           | MATING : SILVER<br>TERMINATION :<br>TIN LEAD SOLDER<br>DIPOVER SILVER | -     |

All dimensions are in mm



All dimensions are in mm

## 24 PIN RECEPTACLE



## PART NO. DETAILS

| SL. NO. | CONNECTOR P/N | NO. OF CONT. | TERMINATION TYPE | CONTACT FINISH                                  | LEVEL |
|---------|---------------|--------------|------------------|-------------------------------------------------|-------|
| 1       | 26-190-24S    | 24           | SOLDER           | GOLD PLATE OVER NICKEL                          | 1     |
| 2       | 26-24S-004    | 24           | SOLDER           | GOLD PLATE OVER NICKEL                          | 3     |
| 3       | 26-24S-99     | 24           | SOLDER           | SILVER PL. & TIN LEAD SOLDER DIP ON TERMINATION | -     |

All dimensions are in mm