## CHARACTERISTICS

- Standard : Based on MIL-DTL-38999 Series III
- Shell Material : Stainless Steel
- Shell Plating : Passivated
- Insulator : Thermoplastic
- Contacts : Copper Alloy
- Seals & Grommet : Silicon Elastomer
- Contact Plating : Gold over copper Alloy 0.8µm minimum
- Durability : 500 Mating cycles
- Delivered with Souriau contacts and Accessories

- Temperature Range : -65°C to +200°C
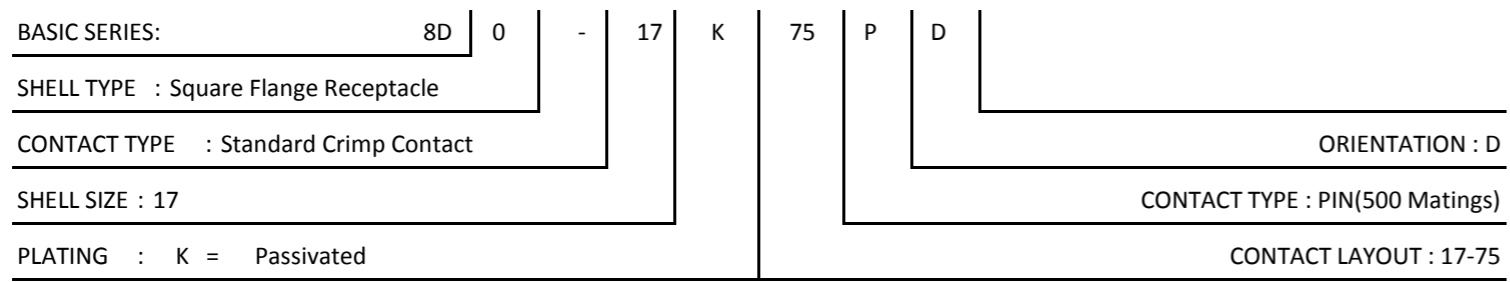- Salt Spray : 500 hours
- Mass : 69.58 g ± 10%

Keying Shown as example

LAYOUT SHOWN AS EXAMPLE

| Connector dimension | |
|---|---|
| **Dim** | **Nominal** |
| P | 3.25±0.2 |
| PP | 4.93±0.2 |
| R1 | 26.97 |
| R2 | 24.61 |
| S | 33.3±0.3 |
| V | 20.83+0/-1.25 |
| W | 2.1/2.5 |
| Z | 31.5 Max |
| VV THREAD | M25x1-6g |

| Country | Jurisdiction & Control List |
|---|---|
| FR | Not Listed |

## PN: 8D017K75PD

| ISS | DATE | Latest modification - by | MOD N° |
|---|---|---|---|
| B | 11-04-17 | Drawing Update | |

Designed By:   Date:   **CUSTOMER DRAWING**

**TITLE** Stainless Steel Receptacle 8D series

| SCALE | | General linear Tolerances: ±-- | NPRDS / PROJECT |
|---|---|---|---|
| NA | | | **859** |

**SOURIAU** WWW.SOURIAU.COM

| BASIC SERIES: | 8D | 0 | - | 17 | K | 75 | P | D |
|---|---|---|---|---|---|---|---|---|

SHELL TYPE : Square Flange Receptacle

CONTACT TYPE : Standard Crimp Contact

SHELL SIZE : 17

PLATING : K = Passivated

ORIENTATION : D

CONTACT TYPE : PIN(500 Matings)

CONTACT LAYOUT : 17-75

| FORMAT | SOURIAU DRG N° | SHEET |
|---|---|---|
| A3 | 8D017K75PD-C | 1/2 |

Contact Layout

## 75

2#8 Triax

| 17-75 | | |
|---|---|---|
| Ctc | X | Y |
| A | 0 | 4.75 |
| B | 0 | -4.75 |

Panel Cutout

SQUARE FLANGE RECEPTACLE (TYPE 0)
REAR MOUNTING

SQUARE FLANGE RECEPTACLE (TYPE 0)
FRONT MOUNTING

Max. thickness panel for receptacle: Type 0: front mounting = 3.2 mm, rear mounting = 2.5 mm

| Dim | Nominal |
|---|---|
| ØA | 30.96 min |
| ØAA | 25.81 min |
| R1 | 26.97 |
| ØT | 3.25 ±0.13 |

| Country | Jurisdiction & Control List |
|---|---|
| FR | Not Listed |

PN: 8D017K75PD

| B | 11-04-17 | Drawing Update | | |
|---|---|---|---|---|
| ISS | DATE | Latest modification - by | | MOD N° |
| Designed By: | | Date: | CUSTOMER DRAWING | |

| TITLE | Stainless Steel Receptacle 8D series |
|---|---|

| SCALE | | General linear Tolerances: ±-- | NPRDS / PROJECT 859 |
|---|---|---|---|
| NA | | | |

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| FORMAT | SOURIAU DRG N° | SHEET |
|---|---|---|
| A3 | 8D017K75PD-C | 2/2 |