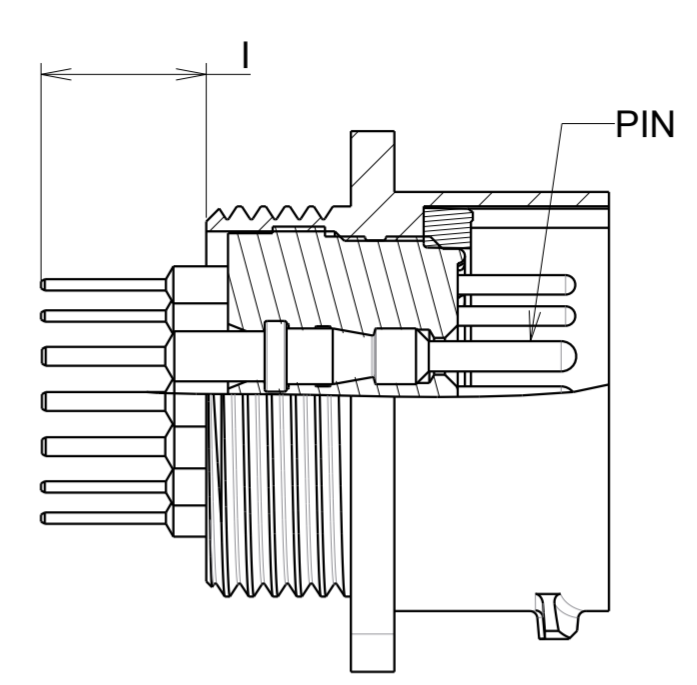
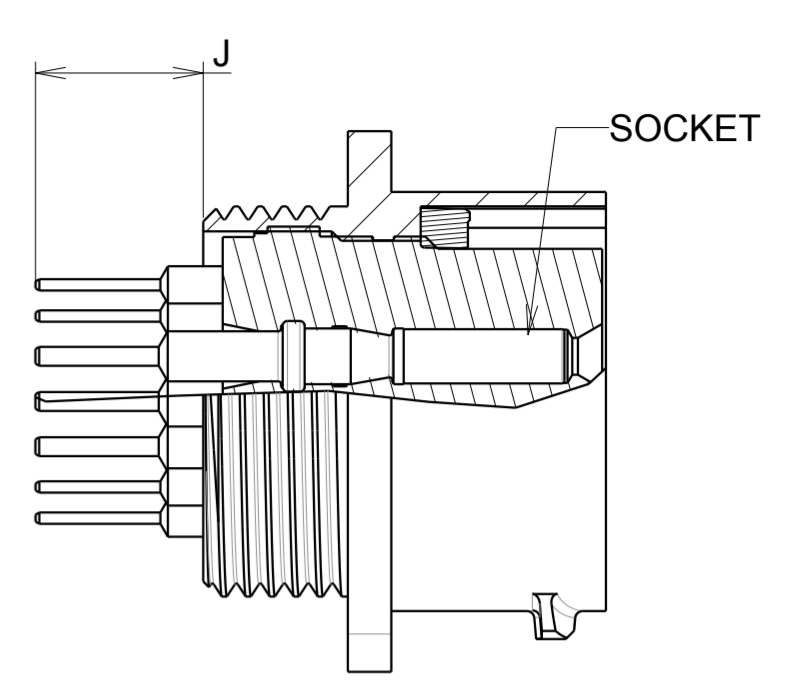


MALE CONNECTOR

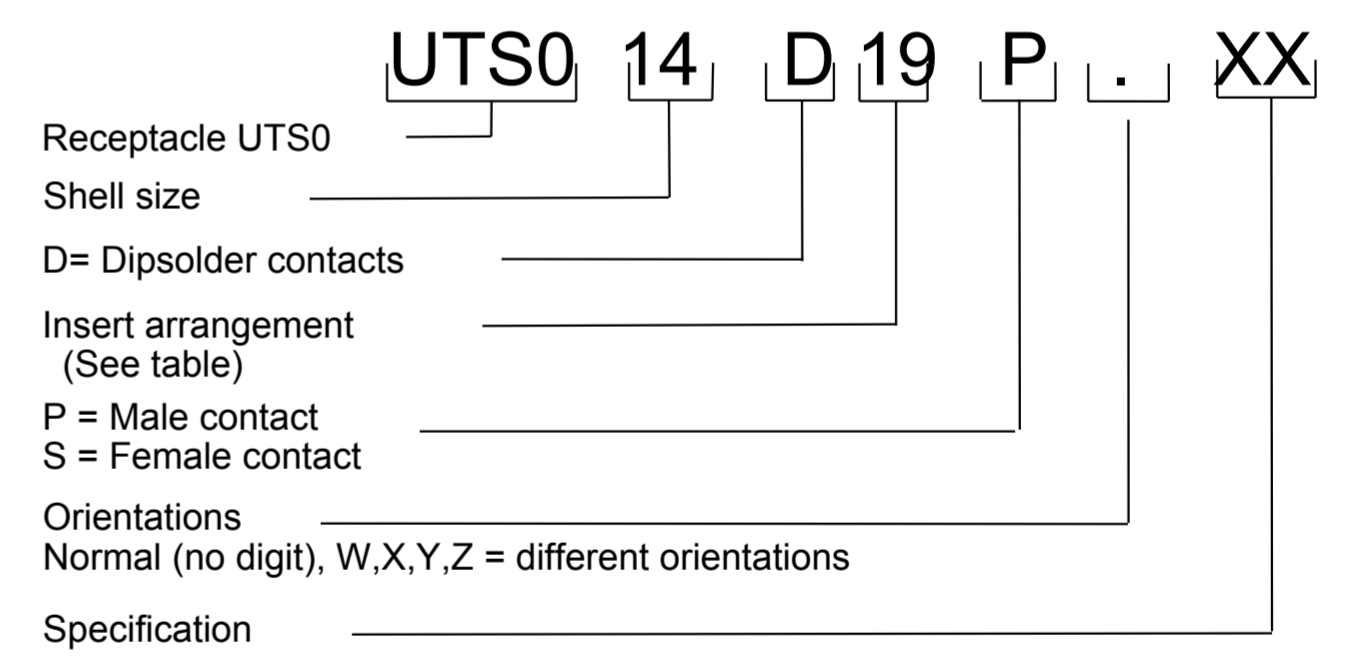


FEMALE CONNECTOR



| Shell size | I (male connector) | J (female connector) |
|------------|--|--|
| 8 | 9.76/11.86 for layout 8-2/8-3/8-4 10.78/13.09 for layout 8-3A/8-98/8-33 | 9.55/11.71 for layout 8-2/8-3/8-4 10.82/12.79 for layout 8-3A/8-98/8-33 |
| 10 | 8.1/10.5 | 8.15/10.15 |
| 12 | 8.1/10.5 7.2/9.3 for layout 12-14 | 8.15/10.15 7.3/9.3 for layout 12-14 |
| 14 | 8.1/10.5 | 8.15/10.15 |

| SHELL SIZE | A ± 0.25 | B ± 0.25 | C Maxi | D ± 0.15 | Ø E ± 0.15 | F Maxi | G ± 0.25 | H ± 0.10 | Thread |
|------------|----------|----------|--------|----------|------------|--------|----------|----------|------------------------|
| 8 | 21.00 | 15.10 | 21.50 | 2.30 | 11.90 | 11.70 | 15.10 | 12.50 | 7/16 28 UNEF Class 2A |
| 10 | 23.80 | 18.30 | 21.50 | 2.30 | 14.90 | 11.70 | 18.30 | 15.10 | 9/16 24 UNEF Class 2A |
| 12 | 26.20 | 20.60 | 21.50 | 2.30 | 18.95 | 11.70 | 20.60 | 18.20 | 11/16 24 UNEF Class 2A |
| 14 | 28.60 | 23.00 | 21.50 | 2.30 | 22.15 | 11.70 | 23.00 | 21.40 | 13/16 20 UNEF Class 2A |



MATERIAL :

Shell:PBT UL94 V-0 Black color
 Insert:Polychloroprene
 Seal gasket :Sealing IP68/69K : Silicone
 O'seal : Nitril
 Contact: brass + gold plated

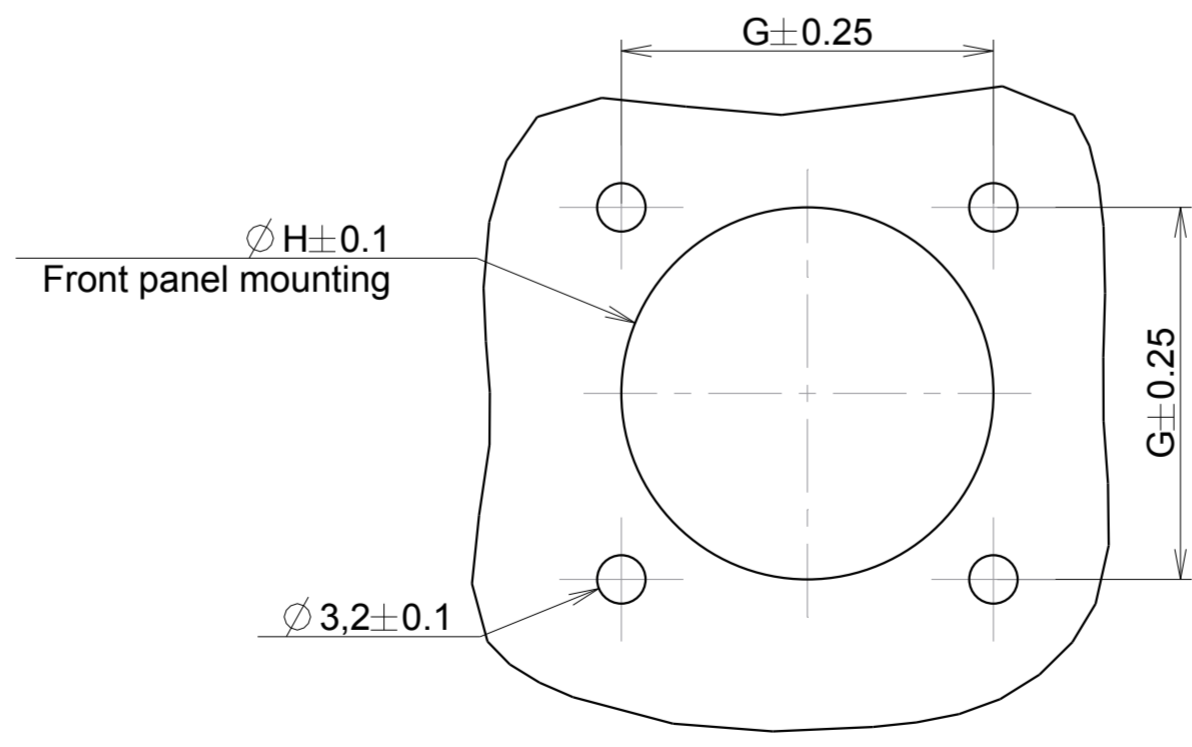
PERFORMANCE CHARACTERISTICS :

Operating temperature:-40° C up to 105° C
 Insulation resistance:5000 MΩ min
 Test potential:1500Vrms for #20 layout
 Corrosion salt spray:500 hours
 Durability:250 matings and unmatings
 Sealing in mated and unmated conditions:
 -IP68 1 bar during 1 week : immersion under 10 m of water.
 (IEC 60529)
 -IP69K : exposure to high pressure water of cleaning equipment(DIN 40050)

NOTE:

Insert arrangements : refer to C144-UTS1-A

CUT PANEL



| | |
|---------|-----------------------------|
| Country | Jurisdiction & Control List |
| FR | NOT LISTED |

P/N : SEE TABLE

| | | | |
|--|----------------------------|---|---------------------|
| B | 02/11/2017 | Updating shell material | 21774A |
| ISS | DATE | Latest modification - by: COURTOIS L. | MOD N° |
| Designed by: J. FEURPRIER | | Date: 11/05/11 | CUSTOMER DRAWING |
| TITLE | | RECEPTACLE WITH DIPSOLDER CONTACTS UTS HI SEAL | |
| Scale | 2/1 | General linear Tolerances: ± 0.1 | NPRDS / PROJECT UTS |
| SOURIAU | | WWW.SOURIAU.COM | |
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| FORMAT | SOURIAU DRG N° C143-UTS1-A | | SHEET 1/1 |

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