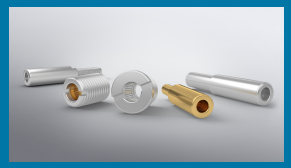
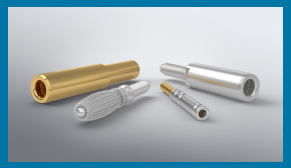
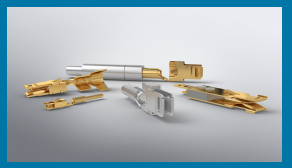
# ODU CONNECTORS – TECHNICAL DATA

| |  ODU LAMTAC® |  ODU SPRINGTAC® |  ODU SPRINGTAC® Flatsocket |  ODU TURNTAC® |
|---|---|---|---|---|
| Primary attribute | High temperature & current | High mating cycles | High mating cycles | Rugged |
| Contact technology | Lamella technology | Springwire technology | Springwire technology | Turned, slotted contacts |
| Contacting | 19 lamella louvres with 2 contact points each (size ∅ 6 mm) | 44 wire springs (size ∅ 6 mm) | 30 wire springs (size 6.3 x 0.8 mm) | 4 contact fingers (size ∅ 6 mm) |
| Nominal current | 115 A (size ∅ 6 mm) | 110 A (size ∅ 6 mm) | 27 A (size 6.3 x 0.8 mm) | 100 A (size ∅ 6 mm) |
| Angular misalignment | +/- 1° | +/- 1° | | +/- 5° * |
| Mating cycles | > 10,000 | > 100,000 | > 50,000 | > 10,000 |
| Temperature range standard version | -40 °C to 150 °C | -40 °C to 125 °C | -40 °C to 125 °C | -40 °C to 125 °C |
| Contact size** | from ∅ 1.5 mm | from ∅ 0.76 mm | from ∅ 0.64 x 0.64 mm | from ∅ 1.5 mm |
| Standard plating | Ag / Au | Ag / Au | Ag / Au | Ag / Au |
| Crimp termination | • | • | • | • |
| Screw termination | • | • | • | • |
| For busbars (through-hole design) | • | • | | •*** |

* Max. 5° misalignment in the assembly position with a correspondingly designed contact chamber
** Other sizes on request
*** Optional