

Product Male socket, fastened from back side
Area M 23 connectors IP 67

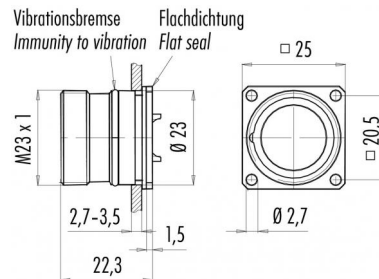
serie 623

Pole 19
Article number 99 4633 80 19

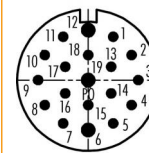
illustration



scale drawing



Contact Arrangement



| | X | Y |
|----|-------|-------|
| 1 | 3,00 | 5,20 |
| 2 | 5,20 | 3,00 |
| 3 | 6,00 | 0,00 |
| 4 | 5,20 | -3,00 |
| 5 | 3,00 | -5,20 |
| 6 | 0,00 | -6,00 |
| 7 | -3,00 | -5,20 |
| 8 | -5,20 | -3,00 |
| 9 | -6,00 | 0,00 |
| 10 | -5,20 | 3,00 |
| 11 | -3,00 | 5,20 |
| 12 | 0,00 | 6,00 |
| 13 | 2,75 | 1,60 |
| 14 | 2,75 | -1,60 |
| 15 | 0,00 | -3,00 |
| 16 | -2,75 | -1,60 |
| 17 | -2,75 | 1,60 |
| 18 | 0,00 | 3,00 |
| 19 | 0,00 | 0,00 |

Technical data

Common values

| | |
|--------------------------|-------------------------------|
| Connector Design | Male socket |
| Connector locking system | Screw |
| Termination | solder |
| Wire gauge (mm) | 16x1,0; 3x1,5 mm ² |
| Wire gauge (AWG) | 16x18; 3x16 |
| Cable outlet | - |
| Upper temperature | +125 °C |
| Lower temperature | -20 °C |

Material

| | |
|---------------------|--------------------------------|
| Material of contact | CuSn (bronze) |
| Contact plating | Au (gold) |
| Material of housing | zinc diecasting, nickel plated |

Cable data

Contacts 19, male socket, fastened from back side, clockwise

Electrical values

| | |
|-----------------------|--------------------|
| Rated voltage | 150 V |
| Rated impulse voltage | 1500 V |
| Pollution degree | 3 |
| Overvoltage category | II |
| Material group | III |
| Rated current (40°C) | 16x8A/ 3x10A |
| Volume resistivity | ≤ 3 mΩ |
| EMV compliance | not shielded |
| Degree of protection | IP 67 |
| Mechanical operation | > 50 mating cycles |

