

Technical specification:

| | |
|---|---|
| Rated voltage: IEC 61076-2-104 | 50 V AC / 60 V DC |
| Current rating: IEC 61076-2-104 | 4 A at 40°C |
| Insulation resistance: IEC 60512 | ≥100 MΩ |
| Pollution degree: IEC 60664-1 | 3/2 |
| Degree of protection: IEC 60529 | IP 67, in mated condition |
| Temperature range: EN 60512-11-10 EN 60512-11-4 | -25°C ... +95°C -40°C -40°C ... +85°C |
| Mating cycles: IEC 60512-9a | ≥100 |

Materials:

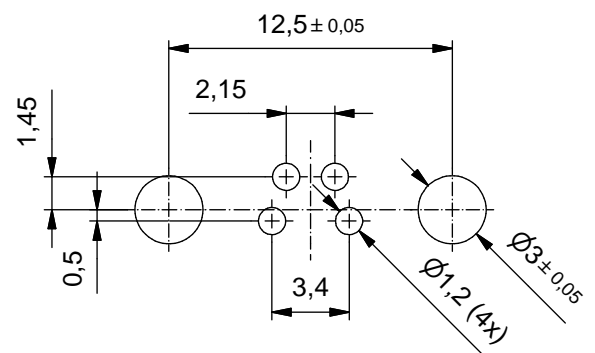
| | |
|------------------|--------------------------|
| Contact: | CuZn, Ni b / Au 0,2 gal. |
| Contact carrier: | LCP GF, UL 94 V-0 |
| Shroud: | CuSn, nickel plated |
| Sealing: | FPM, NBR |
| Counter nut: | CuZn, nickel plated |
| Socket housing: | CuZn, nickel plated |

Suitable for reflow soldering
max. 60s / 250°C

Installation specification:

| | |
|--------------------------|---|
| Recommended torque: | 1-1,2 Nm |
| Conec installation tool: | Torque wrench: 36-000200 Insert across flats 14: 36-000370 |
| Installation hole: | See fig.2 42K1A1119 |

Layout proposal

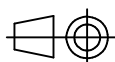


| Part no: | Description: | Pos |
|----------|-----------------------|-----|
| 42-01427 | SAL - 8S - FKHW4 - X8 | 4 |

DO NOT ALTER CAD DRAWING BY HAND

RoHS & REACH compliant

Index: a 26.04.16 KH Ä6018
Contact carrier modified, Material of contact carrier added



dim. in mm

| | date | name |
|-------|----------|---------|
| drawn | 06.05.15 | Gitinow |
| appd. | 06.05.15 | Schramm |

general tolerance: 0 ± 0,50mm
0,0 ± 0,25mm
0,00 ± 0,10mm
+ ± 5°

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title:

Female socket M8x1 angled, shielded, backmounting

dwg no:

42K1A954

part no:

see table