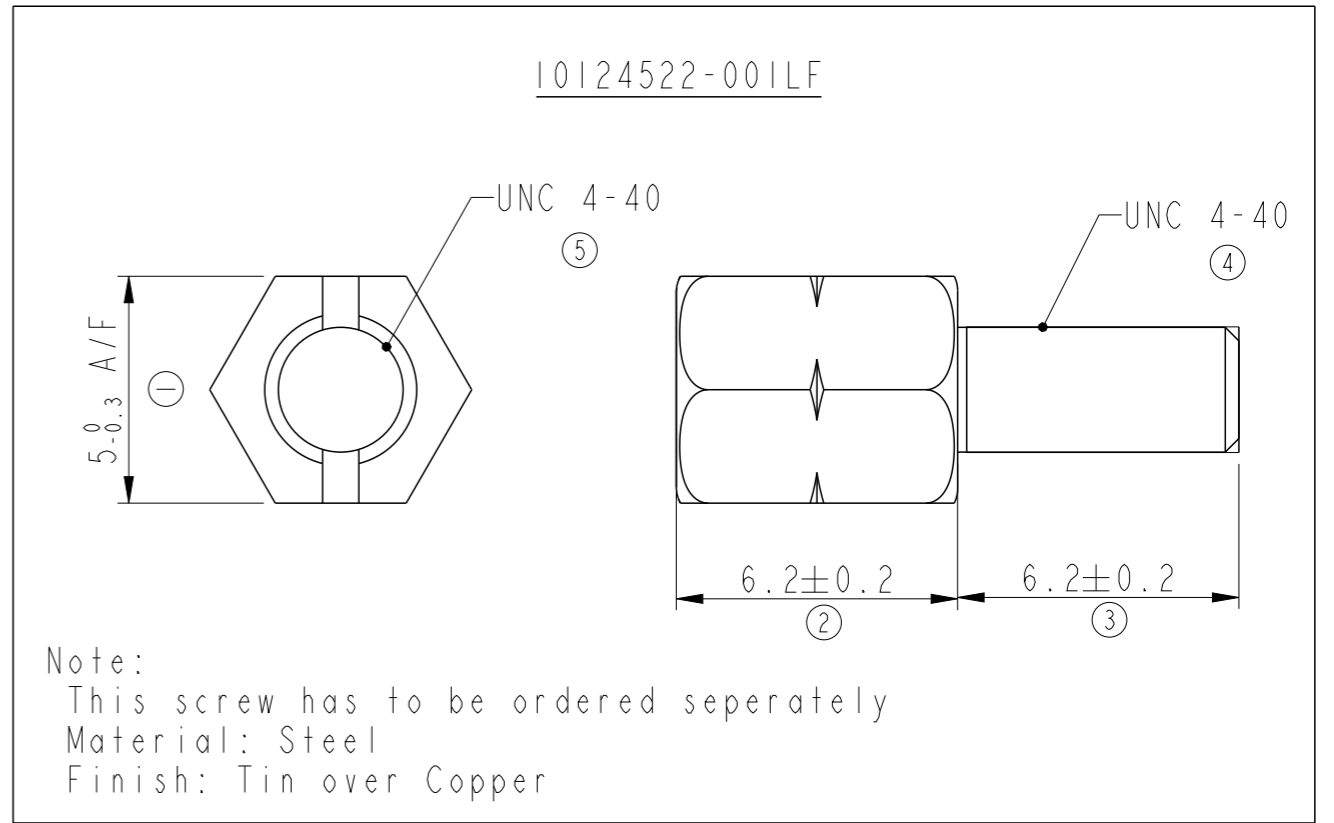


TECHNICAL SPECIFICATIONS

SHELLS : TIN PLATED STEEL
 INSULATOR MATERIAL : SELF EXTINGUISHING THERMO-PLASTIC TO UL CLASS 94 V0.
 CONTACTS DIA ON ACTIVE AREA : Ø1 MM.
 CONTACTS MATERIAL : COPPER ALLOY
 CONTACT PLATING : Au/GXT over Ni
 OPERATING TEMPERATURE: -55°C +125°C
 OPERATING CURRENT : 5 A PER CONTACT
 CONTACT RESISTANCE : ≤25mΩ
 INSULATION RESISTANCE: ≥5000 MΩ
 MAXIMUM VOLTAGE : 1000 V.r.m.s
 MECHANICAL ENDURANCE : 500 MATINGS
 DAMP HEAT : 21 DAYS
 TORQUE REQUIREMENT : 0.4Nm MAX

"This LF product meets European Union Directives and other country regulations as described in GS-47-0004"
 The housing will withstand exposure to 260°C peak temperature for 3.5 seconds in a wave solder application with a 1.6mm minimum thick circuit board.

Creo File:ELX-WC-A3C.REV F.2020-12-21



D E S 09 S 9 65 T 121 LF

| | | | | | | | | | |
|-------------------|-----|----|---|---|----|---|-----|----|------------------------------------|
| SERIES | DES | 09 | S | 9 | 65 | T | 121 | LF | LEAD FREE |
| SHELL SIZE | | | | | | | | | SPECIAL CODE |
| OPTION-1 | | | | | | | | | SINGLE METAL BRACKET & HARPOON |
| S- RIVETED SPACER | | | | | | | | | SHELL PLATING |
| | | | | | | | | | T-STD. TIN over Cu |
| NO. OF CONTACTS | | | | | | | | | CONTACT PLATING |
| 09 | | | | | | | | | 65 -500 MATINGS CYCLES |
| CONTACTS | | | | | | | | | TERMINATION TYPE |
| S - SOCKET | | | | | | | | | 9-ANGLED SPILL 2.84mm BETWEEN ROWS |

| | | | | | | | | | | | | |
|---------------------------------------|---------------------|------|------|------------------|---------------|--------------------------------------|--------------------------|------------------------|----------------------|--------------|-------|-----|
| spec ref | - | | | dr | Paul Mithun | 2014/07/16 | projection | mm | size | A3 | scale | 2:1 |
| tolerance std | ISO 406 ISO 1101 | | | eng | Gregar Mathew | 2025/09/22 | | | ecn no ELX-I-57389-1 | | | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED | | | chr | - | - | product family D-SUB | | | rel level Released | | | |
| surface | linear | 0.X | ±0.3 | appr | Alex Babu | 2025/09/24 | D SUB SPL. A/S CONNECTOR | | dwg no 10124522 | | rev C | |
| | | 0.XX | ±0.1 | Amphenol FCI | | with single bracket & single harpoon | | | | | | |
| | angular | 0° | ±2° | amphenol-icc.com | | cat. no. | - | Product - Customer Drw | | sheet 1 of 1 | | |