

PANEL REAR MOUNTED RECEPTACLE FRONT-PROJECTING

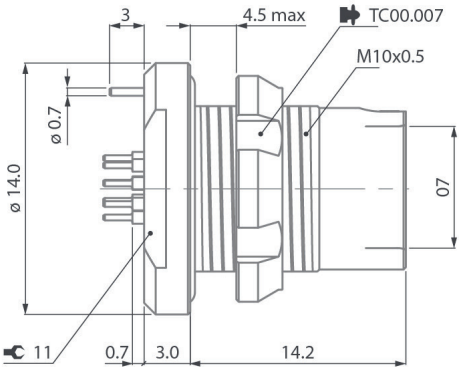
GENERAL INFORMATIONS

|                                 |                        |
|---------------------------------|------------------------|
| Part number                     | 131522                 |
| Designation                     | UR01V07 F005P BK1 E2AB |
| Product line                    | UltiMate™ Series       |
| Series size                     | 07                     |
| Connector type                  | Receptacle             |
| Body style design               | Rear-projecting        |
| Housing material                | Brass                  |
| Housing color                   | Anthracite             |
| Contact termination             | PCB                    |
| Contact gender                  | Female                 |
| Contact configuration           | Multipole low voltage  |
| Locking system                  | Plug-related           |
| Mounting type                   | Panel Rear Mounted     |
| Cable diameter (min - max) [mm] | -                      |
| Panel cut-out diameter [mm]     | 10.1                   |
| Data protocol compliance        | -                      |



Picture for illustration purpose only.  
Contact configuration may vary- refer to pin layout.

DIMENSIONS



KEYING CODE



PIN LAYOUT



All dimensions and images shown are in millimeters and are for reference only.

ELECTRICAL & CONTACT CONFIGURATION

| Number of contacts | Contact type          | Insultator material | Contact Ø [mm] | Pin Ø [mm] | Ground pin Ø [mm] | Wire size min [AWG] | Wire size max [AWG] | Test voltage AC r.m.s [kV] in mated position |                    | Test voltage DC [kV] in mated position |                    | Current per contact [A] |
|--------------------|-----------------------|---------------------|----------------|------------|-------------------|---------------------|---------------------|----------------------------------------------|--------------------|----------------------------------------|--------------------|-------------------------|
|                    |                       |                     |                |            |                   |                     |                     | Contact to body                              | Contact to contact | Contact to body                        | Contact to contact |                         |
| 5                  | Multipole low voltage | PEEK                | 0.7            | 0.5        | 0.7               | -                   | -                   | 0.8                                          | 1                  | 1.3                                    | 1.8                | 5.2                     |

### ENVIRONMENTAL & MECHANICAL DATA

| Characteristic        | Value                                                                                                                     | Standard                                                                   |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|
| Sealing performance   | Hermetic                                                                                                                  | IEC 60068-2-17 Test Qk, Method 3                                           |
| Operation temperature | From -55 °C to 135 °C                                                                                                     | IEC 60068-2-14-Nb                                                          |
| Corrosion resistance  | Salt mist, 1000 hours ; 5% salt solution, 35°C                                                                            | IEC 60068-2-11 Test Ka // MIL-STD-202 Method 101 Condition A // EIA-364-26 |
| Endurance             | 10'000                                                                                                                    | IEC 60512-9-1 // EIA-364-09                                                |
| Vibration resistance  | 10 to 2000 Hz, 1,5 mm or 15 g, 12 sweep cycles per axis, 20 minutes per 10-2000-10 Hz sweep cycle, no discontinuity > 1us | MIL-STD-202 Method 204 Condition B                                         |
| Shock resistance      | 300g amplitude, half sine pulse of 3 ms, no discontinuity > 1 µs                                                          | MIL-STD-202 Method 213 // EIA-364-27                                       |