For definitive product information, please refer to the *Technical Specifications*.

PANEL REAR MOUNTED RECEPTACLE REAR-PROJECTING

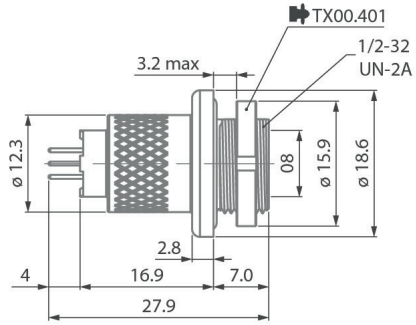
GENERAL INFORMATIONS

Part number	140577
Designation	UR81W08 F006P BBY S2NA
Product line	UltiMate™ 80 Series
Series size	08
Connector type	Receptacle
Body style design	Rear-projecting
Housing material	Aluminium
Housing color	Black
Contact termination	PCB
Contact gender	Female
Contact configuration	Mixed low voltage
Locking system	Plug-related
Mounting type	Panel Rear Mounted
Cable diameter (min - max) *[mm]*	-
Panel cut-out diameter *[mm]*	12.8
Data protocol compliance	USB 2.0 up to 480Mbit/s



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	
2	Low voltage	PEEK	0.7	0.5	-	-	-	0.8	1.3	1.5	2.3	9
2	Low voltage	PEEK	0.7	-	-	-	-	0.8	1.3	1.5	2.3	2
2	Low voltage	PEEK	0.7	-	-	-	-	0.8	1.3	1.5	2.3	0.02

ENVIRONMENTAL & MECHANICAL DATA

Characteristic	Value	Standard
Sealing performance	IP68/IP69 unmated	IEC 60529; MIL-STD-810 Method 512.6 (-2m/24h)
Operation temperature	From -55 °C to 135 °C	MIL-STD-810 Method 501.6 and 502.6
Corrosion resistance	Salt mist, 500 hours ; 5% salt solution, 35 °C	MIL-STD-810 Method 509.6
Endurance	5'000	IEC 60512-9-1 // EIA-364-09
Vibration resistance	7,7 Grms	MIL-STD-810 Method 514.7
Shock resistance	100g half sine pulse amplitude 6 ms duration, no discontinuity > 1 µs	MIL-STD-810 Method 516.7 Condition I