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

CABLE MOUNTED PLUG QUICK-RELEASE

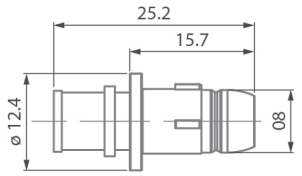
GENERAL INFORMATIONS

Part number	139349
Designation	UP81Q08 M105C BBY Z2ZA
Product line	UltiMate™ 80 Series
Series size	08
Connector type	Plug
Body style design	Straight
Housing material	Aluminium
Housing color	Black
Contact termination	Crimp
Contact gender	Male
Contact configuration	Mixed low voltage
Locking system	Quick-release
Mounting type	Cable Mounted
Cable diameter (min - max) *[mm]*	-
Panel cut-out diameter *[mm]*	-
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	-	-	28	22	0.8	1.3	1.5	2.3	9
2	Low voltage	PEEK	0.7	-	-	28	22	0.8	1.3	1.5	2.3	2
2	Low voltage	PEEK	0.7	-	-	28	22	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	10’000	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