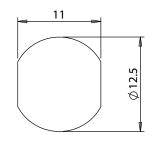
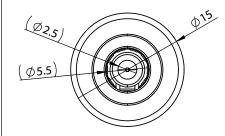
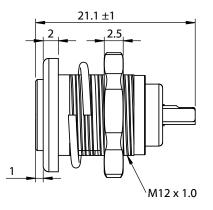
ITEM NO.	DESCRIPTION	MATERIAL		NOTES
1	50-00999	Connector, dc jack, 5.5x2.5xL22.0 mm, nickel plating, molding style, switch	1	
2	24-00387	Overmold, jack, Ø15 mm, panel mount, M12x1.0	1	LCP, black
3	56-00024	Hardware, nut, hex, 15x2.5 mm, M12x1.0, brass, nickel plated	1	
4	56-00025	Hardware, washer, lock, M12, nickel plated	1	

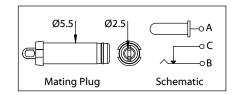
Installation Details

Panel thickness: 4.5 mm max Recommended panel cutout:

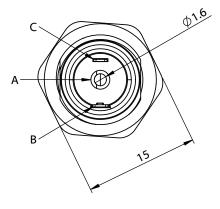












Revision:	Date:	Description:	Prepared:	Notes:					
А	8/16/2022	Initial release	MP Date: 2022.08.22 12:03:44 -07'00'	RoHS compliant		TENSILITY			
			Verified: JD Digitally signed by JD Date: 2022.08.22 13:46:12:0700' Dimensions are in	Function test: no open, no shor intermittent	t circuit, no	tel 1.541.323.3228 800		323.3228 800 877.670.7118 323.4202 web tensility.com	
			millimeters. Tolerances: X: ± 0.3 mm	Description: Connector, dc jack w/switch, 5.5x2.5xL22 mm, pane			Size: Part number: A 54-00310		
			X.X: ± 0.1 mm X.XX: ± 0.05 mm	mount, threaded, nut and washer		Scale	2:1	Sheet 1 of 2	
	5		4	3	2			1	

	8 Vdc			C	onnector Curre	nt Capacity			
Current: 8	8.0 A		12.0		Simector Curre	In capacity	-		
Operating -50° to 200	Temperature R D°C	lange	12.0						
Dielectric Insulation	Requirements strength: 1 min resistance: 100 sistance: 30 mΩ	MΩ @ 500 Vdc	10.0	Max Current			Ç		
Mechanical Requirements Insertion force: 0.4-4 kgf Withdrawal force: 0.4-4 kgf Life cycle: 5000 mating cycles while maintaining 0.4 kgf min. insertion force, 0.4 kgf min. withdrawal force and less than 100 mΩ contact resistance.		– 0.8 0.9 0.9	Operating Current			ature Limit 200			
Environmental Requirements Cold test: -25 ±3 °C for 48 hours without deformation Heat test: 70 ±2 °C, relative humidity 70-85% for 48 hours without deformation Humidity test: 40 ±2 °C, relative humidity 90-95% for 48 hours without deformation		4.0		(Derated) Dperating Area		Upper Temperature Limit 200 °C			
			2.0						
			based on a 40°	on IEC 60512-5-2. Max curr C temperature rise differer	ice. Test does not take into ac		gs,mating cables, or		
Revision:	Date:	Description:	Prepared:	Notes:			1		
			Prepared:				┱┲┲		
Revision: A	Date: 8/16/2022	Description: Initial release	Prepared: Verified: Dimensions	RoHS co Functio	ompliant n test: no open, no s ttent	short circuit, no		NSIL 323.3228 800 8 323.4202 web to	