



Product: [RS 901M-751](#) 

1-1/8 - Male 0° | #Contacts: 9 | 300 V | Cable TPE YE, 18 AWG, US | cURus"

Product Description

1-1/8 Molded Cordset Male Straight | #Contacts: 9 | 300 V / 7 A | Cable TPE Yellow, 9x18 AWG, US | cURus 2238"

Technical Specifications

Technical Data

Product Family:	Power Connector
Side 1 Product Sub Family:	MINI 1-1/8"
Brand:	Lumberg Automation
Connector Type:	Cordset, single ended
Side 1 Type of Contact/Gender:	Pin Contact / Male
Connector Design:	Molded 1-1/8" Male Straight
Number of Pins:	9
Coding, Side 1:	A
Shielding Type:	Unshielded
Attachment Type:	Female Thread, Coupling Nut
Side 1 Contact Resistance:	≤ 10 mOhm
Mating Cycles:	≤ 100
Ambient Temperature (Operation)*:	- 40 °C to + 90°C
Protection Degree / IP Rating**:	IP65, IP67, NEMA 6P
Side 1 Pollution Degree:	3 acc. to DIN EN 60664-1 (VDE 0110-1)

Materials

Contact Base Material:	Copper Alloy (CuZn)
Side 1 Contact Plating:	Copper-Silver-Gold-Alloy (Cu/Ag/Au)
Contact Bearer Material:	Thermoplastic polyurethane (TPU)
Contact Bearer Color:	Yellow
Molded Body Material:	Thermoplastic polyurethane (TPU)
Molded Body Color:	Yellow
Attachment Material:	Aluminum (Al)
Attachment Plating:	Anodized Black

Additional Technical Data

Fastening Torque (Attachment):	MINI: 70 Ncm, hand-tight
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Cable Data

Conductor Material:	Cu
Overall Shield (Cable):	Unshielded
Ambient Temperature (Fixed Installation):	- 40 °C to + 90°C
Ambient Temperature (Drag Chain Inst):	- 5° C to + 90° C
Cable Characteristics:	See downloads tab for details

Approvals

UL:	UL 2238; cURus
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Safety & Environmental Compliance

RoHS Compliant:	Yes
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Notes

Note Derating:	* Notice derating
Protection Degree / IP Rating Note:	IP Rating tested according to IEC standard using combination of a Hirschmann or Lumberg Automation connector mounted and locked

Variants

Item #	Item Description	Cable Length
500003978	RS 901M-751/1M	1 m
500003980	RS 901M-751/2M	2 m
500003982	RS 901M-751/3M	3 m
540001775	RS 901M-751/4M	4 m
500003983	RS 901M-751/5M	5 m
540001777	RS 901M-751/6M	6 m
500003977	RS 901M-751/10M	10 m
500003979	RS 901M-751/20M	20 m
500003981	RS 901M-751/30F	30 m

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