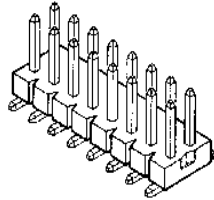


**54202-G0805LF - BergStik® : Unshrouded Header, SMT, Double Row, 10 Positions, 2.54 mm Pitch, Vertical, 5.84 mm (0.23 in.) Mating**



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## Mating Half

- 87606-305LF
- 76342-305LF
- 89898-305LF
- 71609-305LF

## Specifications

### Approvals / Certifications

<b>UL File Number</b>	E66906
<b>CSA File Number</b>	LR46923
<b>Approvals / Certifications</b>	UL and CSA Approved
<b>Mechanical</b>	
<b>Retention force</b>	8.88N (2 lbf)
<b>Dimensional</b>	
<b>Length (Mating pin)</b>	5.84 mm (0.23 in.)
<b>Length (Overall pin)</b>	11.43 mm (0.45 in.)
<b>Electrical</b>	
<b>Current rating</b>	3 amp Continuous
<b>Resistance (Insulation)</b>	5000 M-ohms
<b>Voltage rating</b>	1500V AC rms
<b>General</b>	
<b>Number of contacts (per row)</b>	5
<b>Number of contacts (Total)</b>	10
<b>Number of rows</b>	2
<b>Orientation</b>	Vertical
<b>Packaging</b>	Bulk Packaging
<b>Attachment type (Board)</b>	Surface Mount
<b>Series Number</b>	54202
<b>Mounting</b>	
<b>Retention feature (Board)</b>	No
<b>Solder process</b>	IR Reflow Soldering Processes Compatible with Vapor-phase
<b>Other Features</b>	
<b>Comments</b>	Sample Kit 950501-016

<b>Literature</b>	950559-001
<b>Physical</b>	
<b>Color (Housing)</b>	Black
<b>Material (Contact)</b>	Phospor Bronze
<b>Material (Housing)</b>	High Temperature Black Thermoplastic
<b>Plating (Contact area)</b>	0.76 $\mu\text{m}$ (30 $\mu\text{in.}$ ) Gold or GXT
<b>Plating (Tail)</b>	Tin
<b>Underplating (Contact)</b>	1.27 $\mu\text{m}$ (50 $\mu\text{in.}$ ) Nickel
<b>Flammability rating</b>	UL 94 V-0
<b>Temperature (Range)</b>	-65°C to +125°C