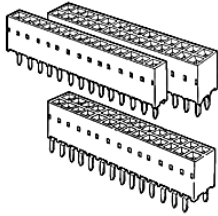


**66953-025LF - BERGCON PV™, DUBOX™  
: 50 Position PCB Mounted Receptacle,  
Through Mount, Top Entry, Double Row**



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### Mating Half

☒ 77313-101-50LF

☒ 95278-101-50LF

### Specifications

#### Approvals / Certifications

UL File Number	E66906
CSA File Number	LR46923
Approvals / Certifications	UL and CSA Approved

#### Mechanical

Insertion force	1.26N (128 gf) max. per Contact
Withdrawal Force	0.4N (40 gf) min. per Contact

#### Dimensional

Thickness (Board)	1.6 mm (0.062 in.) or 2.36 mm (0.093 in.)
Footprint (Board)	2.54 mm x 2.54 mm (0.1 in. x 0.1 in.)

#### Electrical

Current rating	3A max. per Contact/2A max. per Contact for Full Load
Resistance (Contact)	10 milli ohms Initial, 15 milli ohms After test
Resistance (Insulation)	5000 M-ohms
Voltage rating	1250V rms

#### General

Hold Down Style	No Locating Pegs
Number of contacts (per row)	25
Number of contacts (Total)	50
Number of rows	2
Orientation	Vertical
Packaging	Tube
Mating half	Mates with 0.64 mm (0.025 in.) Square pins.
Series Number	66953

#### Mounting

Solder process	Wave
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#### Physical

Color (Housing)	Black
Material (Contact)	Phosphor Bronze
Material (Housing)	

	High Temperature Thermoplastic
<b>Plating (Contact area)</b>	0.76 $\mu\text{m}$ (30 $\mu\text{in.}$ ) Gold
<b>Plating (Tail)</b>	2.54 $\mu\text{m}$ (100 $\mu\text{in.}$ ) 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 $^{\circ}\text{C}$ to +125 $^{\circ}\text{C}$