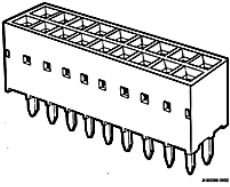




**68683-303LF - DUBOX™ : 6 Position PCB
Mounted Receptacle, Through Mount, Top
Entry, Double Row**



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Mating Half

 77313-101-06LF

 95278-101-06LF

Specifications

Approvals / Certifications

UL File Number	E66906
CSA File Number	LR46923
Approvals / Certifications	UL and CSA Approved
Mechanical	
Insertion force	1.31N (145 gf) max. per Contact
Withdrawal Force	0.3N (30 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)	15 milli ohms Initial, 20 milli ohms After test
Resistance (Insulation)	1000 M-ohms
Voltage rating	1000V rms
General	
Hold Down Style	No Locating Pegs
Number of contacts (per row)	3
Number of contacts (Total)	6
Number of rows	2
Orientation	Vertical
Packaging	Tube
Mating half	Mates with 0.64 mm (0.025 in.) Square pins.
Series Number	68683
Mounting	
Solder process	Wave IR Vapor - Phase
Physical	
Color (Housing)	Black

Material (Contact)	Phosphor Bronze
Material (Housing)	High Temperature Thermoplastic
Plating (Contact area)	0.76 μm (30 $\mu\text{in.}$) Gold
Plating (Tail)	2.54 μm (100 $\mu\text{in.}$) Tin
Underplating (Contact)	1.27 μm (50 $\mu\text{in.}$) Nickel
Flammability rating	UL 94 V-0
Temperature (Range)	-65 °C to +125 °C