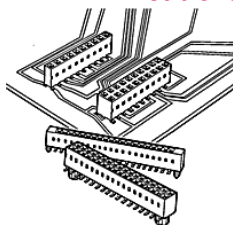


**89898-310ALF - DUBOX™ : 20 Position
Vertical Card Connector, Surface Mount,
Double row, Dual entry**



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Mating Half

77313-101-20LF

95278-101-20LF

Specifications

Approvals / Certifications

UL File Number	E66906
Approvals / Certifications	UL and CSA Approved

Mechanical

Insertion force	1.50N (150 gf) 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 7.2 mm (0.1 in. x 0.283 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)	100000 M-ohms
Voltage rating	1000V rms

General

Hold Down Style	No Locating Pegs
Number of contacts (per row)	10
Number of contacts (Total)	20
Number of rows	2
Orientation	Vertical
Packaging	Tape and Reel with Pick-up Cap
Mating half	Mates with 0.64 mm (0.025 in.) Square pins.
Series Number	89898

Mounting

Solder process	Compatible with Wave, Vapor - Phase
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Physical

Color (Housing)	Grey
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