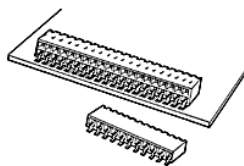


**71607-318LF - DUBOX™ : 18
Position Horizontal Card
Connector, Surface Mount,
Single row**



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Mating Half

77315-101-18LF

Specifications

General

Hold Down Style	No Locating Pegs
Number of contacts (per row)	18
Number of contacts (Total)	18
Number of rows	1
Orientation	Horizontal
Packaging	Tube
Mating half	Mates with 0.64 mm (0.025 in.) Square pins.
Series Number	71607

Dimensional

Thickness (Board)	1.6 mm (0.062 in.) or 2.36 mm (0.093 in.)
Footprint (Board)	2.54 mm x 11.43 mm (0.1 in. x 0.45 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

Mechanical

Insertion force	1.50N (150 gf) per Contact
Withdrawal Force	0.3N (30 gf) min. per Contact

Mounting

Solder process	Wave IR 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 µin.) Gold
Plating (Tail)	2.54 µm (100 µin.) Tin
Underplating (Contact)	1.27 µm (50 µin.) Nickel
Flammability rating	UL 94 V-0
Temperature (Range)	-65 °C to +125 °C
Approvals / Certifications	
UL File Number	E66906
Approvals / Certifications	UL and CSA Approved

