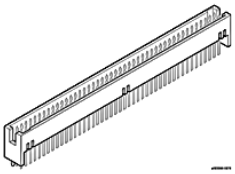
87407-105LF - Rib-Cage ™ : Surface Mount Vertical Shrouded PCB Header, 10 Positions, Plain Mounting style



ACTIVE

RoHS compatible

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Mating Half

87022-605LF

Specifications

Approvals / Certifications	
UL File Number	E66906
CSA File Number	LR46923
Approvals / Certifications	UL and CSA Approved
Mechanical	
Durability (Mating cycles)	200 min.
Withdrawal Force	43 grams (1.5oz) min. per Contact
Mating force	157g (5.5oz) max. per Contact
Dimensional	
Height (Mated)	6.30 mm (0.248 in.)
Length (Tail)	2.29 mm (0.09 in.)
Electrical	
Current rating	1A DC
Resistance (Contact)	20 m ohms max. Initial, 25 m ohms max. after Environmental Test
Resistance (Insulation)	50000 M-ohms min. Initial
Voltage rating	800V AC
General	
Gender	Header
Mate Polarization	Yes
Number of contacts (Total)	10
Number of rows	2
Orientation	Vertical
Mounting	
Mounting style	Through Mount
Mounting style (Board)	Plain
Solder process	Wave
Other Features	
Most Popular Configuration	Not applicable
Packaging (Type)	Tube
Comments	For mounting to 0.062 boards, Others available

Literature	950521-010
Physical	
Color (Housing)	Natural
Material (Contact)	Copper Alloy
Material (Housing)	LCP, UL 94 V-0
Plating (Contact area)	0.76 µm (30 µin.) Gold/GXT
Plating (Tail)	2.54 µm (100 µin.) Pure Tin
Underplating (Contact)	1.27 µm (50 µin.) Nickel
Temperature (Range)	-55°C to +130°C