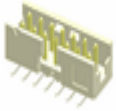


**98424-G52-16ALF - Minitek™,Core
Range,Basics+ : Shrouded Header -
Surface Mount - Double row - 16 Positions -
2 mm (0.079 in.) - Vertical**



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Mating Half

- [77138-101LF](#)
- [90311-016LF](#)
- [55510-116TRLF](#)
- [89947-116LF](#)

Specifications

Approvals / Certifications

UL File Number	E66906
CSA File Number	LR46923
Approvals / Certifications	UL and CSA Approved
Dimensional	
Length (Mating pin)	4 mm (0.157 in.)
Electrical	
Withstanding Voltage	650V rms
Current rating	2 amp Continuous
Resistance (Insulation)	1000 M-ohms min.
General	
Number of contacts (per row)	8
Number of contacts (Total)	16
Number of rows	2
Orientation	Vertical
Packaging	Tape and Reel with Pick-Up Cap
Attachment type (Board)	Surface Mount
Mating half	Minitek™ Crimp-to-Wire Receptacle and Housing Assembly; IDC Receptacle
Mounting	
Retention feature (Board)	No
Solder process	Compatible with Wave, Vapor-Phase and IR Reflow Soldering Processes
Physical	
Color (Housing)	Cream
Material (Contact)	Phosphor Bronze
Material (Housing)	High Temperature, Cream - Colored Thermoplastic

Plating (Contact area)	0.76 μm (30 $\mu\text{in.}$) Selective Gold
Plating (Tail)	3.81 μm (150 $\mu\text{in.}$) Tin
Underplating (Contact)	1.27 μm (50 $\mu\text{in.}$) Nickel
Flammability rating	UL94V-0
Temperature (Range)	-40°C to +125°C