

Quick Links

Cross reference

RoHS/LF P/N Search

Industry Standards

Alphabetical List

Documentation

3D model search

Customer drawing search

Multi Selection Search

Search by category

Start > Search=10108877-R10253SLF\* > 10108877-R10253SLF

10108877-R10253SLF  
10108877-R10253SLF - PwrLoPro® : PWR LO  
PRO,RAH,25S+10P



Customer drawing

Product Environmental Compliance Report

ACTIVE

RoHS Compliant

Distributor Stock

Print Datasheet

FCI Brings You More

Contact our sales/technical support

Sample request

Specifications

Download document

General Dimensional Electrical Mechanical Physical Approvals / Certifications Mounting Other Features	
General	
First Make Last Break (FMLB)	Yes
Gender	Header
Number of contacts (Total - Power)	10
Number of contacts (Total - Signal)	25
Orientation	Right Angle
Polarization	Yes
Receptacle Pin Pattern (Right to Left)	Signal/Power
Tail Options	3.3mm
Number of rows (Power)	1
Number of rows (Signal)	5
Dimensional	
Spacing (Center line - Power)	2.75mm
Spacing (Center line - Signal)	2.0 mm
Electrical	
Current rating	26A max. for One Powered Contact, 13A max. for 24 Contacts Powered
Resistance (Contact)	Maximum for mated pair is 5 milli ohms for power,20 milli ohms for signal
Resistance (Insulation)	>= 1000 M-ohms after Environmental Test Conditions
Voltage rating	750V DC per Signal Contact, 2500V DC per Power Contact
Mechanical	
Durability (Mating cycles)	250
Insertion force	Maximum 25 oz. per Power Contact and 3.5 oz. per Signal Contact
Wipe (Power)	4.4mm Min
Wipe (Signal)	2.25mm Min
Physical	
Color (Housing)	Black
Material (Housing)	Glass - Filled High - Temp Thermoplastic (UL-94 V-0)
Plating (Contact area)	0.76 µm (30 µin.) Precious metal
Plating (Tail - Power)	0.5 ~ 1.25 µm Tin
Plating (Tail - Signal)	0.5 ~ 1.5 µm Tin
Temperature (Operating - range)	-40°C to +125°C
Approvals / Certifications	
Approvals / Certifications	UL and cUL Approved
UL File Number	E66906
cUL File Number	E66906
Mounting	
Retention feature (Board)	Guid post end modular
Solder process	High Temp Solder Process or PF
Footprint note	Product has custom spacing and select load
Other Features	
Header Pin Pattern (Left to Right)	Power/Signal
Packaging (Type)	Trays
System Application	SSI

Disclaimer : The information above is for reference only. For more technical details, refer to product specification and application specification.