

Excellent Integrated System Limited

Stocking Distributor

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[FCI](#)
[5159009486394AAKLF](#)

For any questions, you can email us directly:
sales@integrated-circuit.com

	1	2	3	4																																				
<p>DIMENSIONS</p>	<p>ELECTRICAL DATA</p> <ul style="list-style-type: none"> -Current at AMB. 5.5 A at 20° / 4 A at 70° -Contact resistance ≤15mΩ according to DIN 41640 Teil 4 test 2a -Insulation resistance ≥10 MΩ according to DIN 41640 teil 7 test 3a according to DIN 41640 teil 21 -TEST VOLTAGE contact/contact 1550 V contact/ground 2500 V <p>MECHANICAL DATA</p> <ul style="list-style-type: none"> -insertion force ≤75N -Mechanical endurance -class 1 500 matings unmatings according to DIN41640 teil 21 -class 2 400 matings unmatings according to DIN41640 teil 21 -Material insulator PBT MARKING LASER COMPATIBLE UL94V0 -Material contacts Copper alloy -Finishing contact surface Gold over nickel Lead Free -Finishing termination Lead-free -Shock ≤30mΩ according to DIN 41640 Teil 14 test 6c -Vibration -class 1 -class 2 10-500Hz/5g according to DIN 41640 Teil 15 <p>ENVIRONMENTAL DATA</p> <ul style="list-style-type: none"> -Climatic category According to DIN 41612 -Corrosion According to DIN 41612 <p>FMLB CTS IN POSITIONS b2;b32</p>		<p>P.C. CARD DRILLING</p>		<p>ENVIRONMENTAL DATA</p>																																			
<p>TERMINATION</p>	<p>NOTE ROHS INFORMATION</p> <ul style="list-style-type: none"> - The "LF" products meet European Union Directives and other country regulations as described in GS-22-008. - The housing will withstand exposure to 260°C peak temperature for 3.5 seconds in a wave solder application with a 1.6mm minimum thick circuit board. - For the right angled versions, like the current leaded versions, it's recommended to use high temperature adhesive or metallic device, to protect the nearest plastic part in contact with of the solder wave, to avoid any visual plastic deterioration. 		<p>European Views</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td colspan="2">www.fciconnect.com</td> <td>surface ISO 1302</td> <td>tolerance std ISO 406 ISO 110</td> <td>projection</td> <td>mm</td> </tr> <tr> <td colspan="6" style="text-align: center;">TOLERANCES UNLESS OTHERWISE SPECIFIED</td> </tr> <tr> <td>Dr</td> <td>JOUBERT</td> <td>23/05/00</td> <td>ANGULAR</td> <td>0.X</td> <td>±0.1</td> </tr> <tr> <td>Eng</td> <td>GOISNARD</td> <td>23/05/00</td> <td>LINEAR</td> <td>0.XX</td> <td>±0.1</td> </tr> <tr> <td>Chr</td> <td>LEGARE</td> <td>23/05/00</td> <td>0.XX ±2</td> <td>0.XXX</td> <td>±0.1</td> </tr> <tr> <td>Appr</td> <td>LEGARE</td> <td>23/05/00</td> <td>Product family</td> <td>DIN POWER</td> <td>Spec ref -</td> </tr> </table>		www.fciconnect.com		surface ISO 1302	tolerance std ISO 406 ISO 110	projection	mm	TOLERANCES UNLESS OTHERWISE SPECIFIED						Dr	JOUBERT	23/05/00	ANGULAR	0.X	±0.1	Eng	GOISNARD	23/05/00	LINEAR	0.XX	±0.1	Chr	LEGARE	23/05/00	0.XX ±2	0.XXX	±0.1	Appr	LEGARE	23/05/00	Product family	DIN POWER	Spec ref -
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<p>PART NUMBER 5159-009 4863-4-151LF</p> <p>STYLE f</p> <p>NUMBER OF CONTACTS</p> <p>TERMINATION Angled spills</p> <p>PERFORMANCE CLASS DIN 41612 class 2 DIN 41612 class 1</p> <p>CONTACT TERMINATION Angled spills 2.54 X 5.08</p> <p>FOR LEAD-FREE VERSION</p>	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>rev</th> <th>ech no</th> <th>dr</th> <th>date</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>-</td> <td>SJO</td> <td>2000/05/23</td> </tr> <tr> <td>B</td> <td>LS06-0089</td> <td>LGO</td> <td>2006/06/14</td> </tr> <tr> <td>C</td> <td>LS07-0288</td> <td>LGO</td> <td>2007/11/19</td> </tr> <tr> <td>D</td> <td>F10-0214</td> <td>APA</td> <td>2010/10/01</td> </tr> <tr> <td>E</td> <td>F12-0053</td> <td>APA</td> <td>2012/05/07</td> </tr> </tbody> </table>		rev	ech no	dr	date	A	-	SJO	2000/05/23	B	LS06-0089	LGO	2006/06/14	C	LS07-0288	LGO	2007/11/19	D	F10-0214	APA	2010/10/01	E	F12-0053	APA	2012/05/07	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td rowspan="2" style="text-align: center;">FCI</td> <td colspan="2" style="text-align: center;">MALE CONNECTOR 3 ROW</td> <td rowspan="2" style="text-align: center;">Rev. E</td> </tr> <tr> <td colspan="2" style="text-align: center;">48 CTS & 2 FMLB CONTACTS</td> </tr> <tr> <td>catalog no</td> <td colspan="2" style="text-align: center;">C01-5159-0063</td> <td>CUSTOMER sheet 1 of 1</td> </tr> </table>		FCI	MALE CONNECTOR 3 ROW		Rev. E	48 CTS & 2 FMLB CONTACTS		catalog no	C01-5159-0063		CUSTOMER sheet 1 of 1		
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