

[illegible]

Technical drawing showing three different connector types (18, 11, 15) with dimensions in millimeters (mm) and inches (in).

- Connector 18:**
 - Overall height: 4.5 mm (.177 in)
 - Pin pitch: 0.6 x 0.4 mm (.024 x .016 in)
- Connector 11:**
 - Overall height: 9.3 mm (.366 in)
- Connector 15:**
 - Overall height: 22 mm (.866 in)
 - Pin pitch: 1 x 1 mm (.039 x .039 in)

Common dimensions for all connectors:

- Pin diameter: 2.4 mm (.094 in)
- Pin length: 0.8 mm (.031 in)

LEAD-FREE



-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
-TEST VOLTAGE	according to DIN 41640 teil 21
contact/contact	1550V eff
contact/ground	2500V eff

-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	Polyester UL94V0
-Material contacts	Bronze
-Finishing contact surface	Gold over nickel Lead Free
-Finishing termination	Lead-Free
-Shock	≤30ms according to DIN 41640 Teil 14 test 6c
-Vibration	<div> <div> <div>-class 1</div> <div>10-2000Hz/20g according to DIN 41640 Teil 15</div> </div> <div> <div>-class 2</div> <div>10-500Hz/5g according to DIN 41640 Teil 15</div> </div> </div>

-Climatic category	According to DIN 41612
-Corrosion	According to DIN 41612

- 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.
- Packaging spec; see GS-14-920

www.fciconnect.com		surface <input checked="" type="checkbox"/> 150 1302		tolerance std 150 406 150 1101		projection 		mm 	
TOLERANCES UNLESS OTHERWISE SPECIFIED									
Dr	MPRESSON	2006/02/21	ANGULAR	0.X	±0.1	size	A2	Scale	2
Eng	MPRESSON	2006/02/21	LINEAR	0.XX	±0.1				
Chr	LEGARE	2006/02/21	0.XX ±2	0.XXX	±0.1	ECN	L507-0288		
Appr	LEGARE	2006/02/21	Product family	DIN POWER	5159	Spec ref	-		
FCI		RECEPTACLES- MEDIUM POWER -3 ROW				C01-5159-0036		Rev 6	
Title		STYLE F				chg no		sheet 1 of 1	
catalog no		-				CUSTOMER			