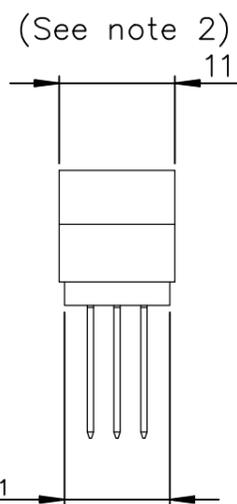
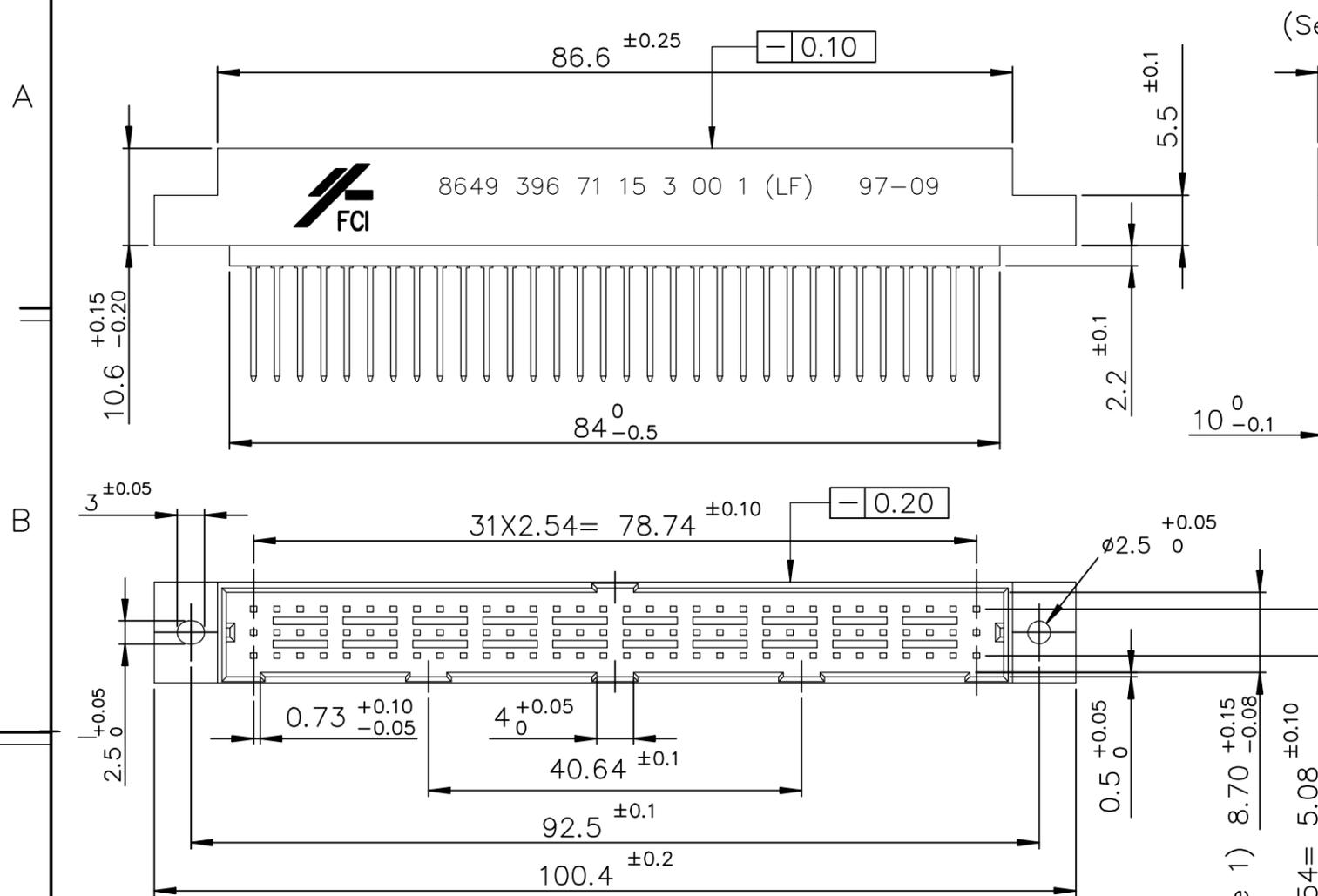


DIMENSIONS



ELECTRICAL CHARACTERISTICS

-current rating	1.5 A at 20° / 1 A at 70°
-I max	2A
-Contact resistance	≤20 mΩ
-Insulation resistance	≥10 ⁶ MΩ
-TEST VOLTAGE	
contact/contact	1000V eff (0.5 mA / 50 Hz)
contact/ground	2000V eff (0.5 mA / 50 Hz)

MECHANICAL CHARACTERISTICS

-Contact number	96
-Retention force	≥20N per contact
-Material insulator	Polyester thermoplastic
-Color	Grey RAL 7035
-Extinguishing	UL94V0
-Temperature range	- 55° C + 125° C
-Material contacts	Brass Cu Zn 30
-Hardness	158 to 188 HV

TIN LEAD VERSION

-Finishing contact surface	Nickel : 2µm min + PdNi Alloy : 0.94µm min + Gold : 0.065 µm min
-Other area	Nickel

LEAD FREE VERSION

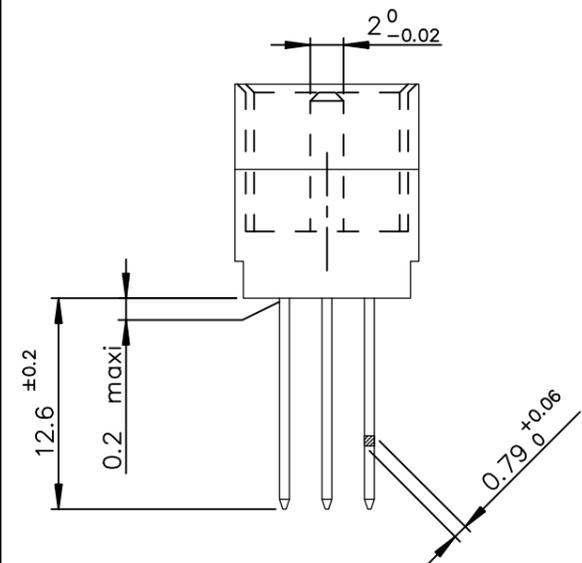
NOTE RoHS INFORMATION

- 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. See application notes/procedures if they are available.
- Termination plating spec: Tin (pure matte) over Nickel.
- Packaging spec: see GS-14-920

NOTES

- 1: The minimum value requested will be guaranteed everywhere, but the maximum value only at each extremity at the top and at the bottom of the cavity
- 2: Including the rectitude default of each side

TERMINATION



TIN LEAD PART NUMBER

PART NUMBER
864939671153001

LEAD FREE PART NUMBER

PART NUMBER
864939671153001LF

rev	ecn no	dr	date
F	-	JTA	1997/05/27
G	LS05-0056	LGO	2005/06/29
H	LS06-0095	LGO	2006/06/30
J	ELX-I-010140-1	MJA	2012/02/01
-	-	-	-
-	-	-	-
-	-	-	-

www.fciconnect.com		surface ISO 1302 ✓	tolerance std ISO 406 ISO 1101	projection mm
TOLERANCES UNLESS OTHERWISE SPECIFIED				size A3
Dr	TARON	1991/04/03	ANGULAR	Scale 1.5
Eng	TARON	1991/04/03	LINEAR	ECN ELX-I-010140-1
Chr	LEGARE	1991/04/03	0.XX' ±2	Spec ref -
Appr	LEGARE	1991/04/03	Product family DIN PHILIPS	
FCI		title CONNECTOR MALE 3R, FIXING		Rev. J
catalog no		dwg no C-8649-0001		CUSTOMER sheet 1 of 1