

A

B

C

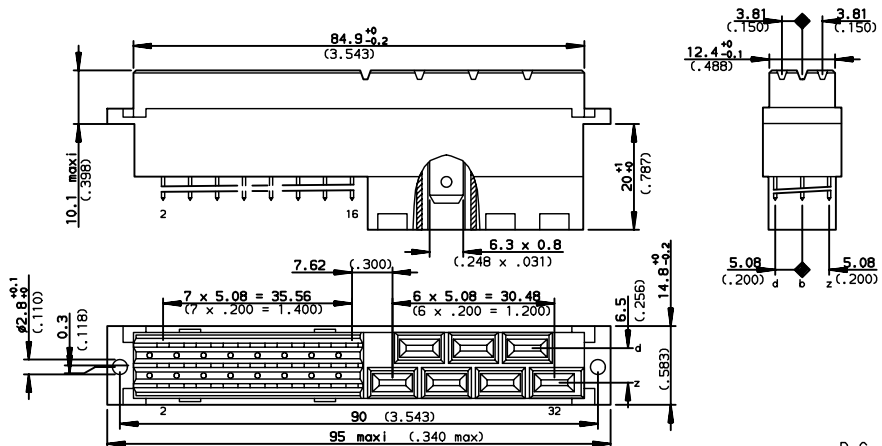
D

A

B

C

D



ELECTRICAL DATA

- Current at AMB. 5.5 A at 20° / 4 A at 70°
- Contact resistance <15ma according to DIN 41640 Teil 4 test 2a
- Insulation resistance >10 Ma according to DIN 41640 teil 7 test 3a according to DIN 41640 teil 21
- TEST VOLTAGE 1550V eff
- contact/contact 1550V eff
- contact/ground 1550V eff

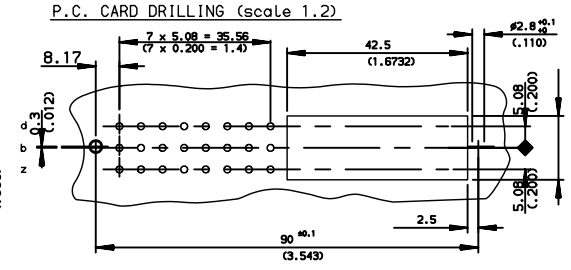
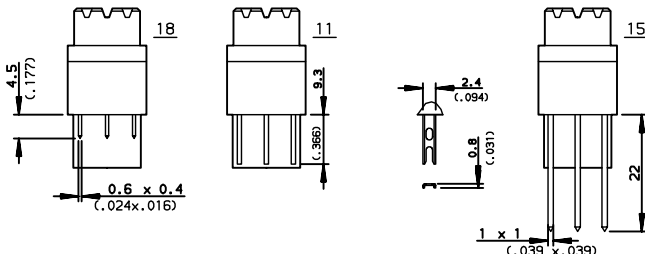
MECHANICAL DATA

- Insertion force <60N
- 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 <40ma according to DIN 41640 Teil 14 test 6c
- Vibration -class 1 10-2000Hz/20g according to DIN 41640 Teil 15
- class 2 10-500Hz/5g according to DIN 41640 Teil 15

ENVIRONMENTAL DATA

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

TERMINATION



DIMENSIONS mm (inches)

NOTE RoHS INFORMATION

- The "LF" products meet European Union Directives and other country regulations as described in 65-22-008.
- 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 65-14-920

European Views

PART NUMBER	5159	002	31		9				LF
MIXED STYLE F24/H7									
NUMBER OF CONTACTS									
TERMINATION									
24 straight spills + 7 foston									18
24 hand solder + 7 foston									11
24 M.W 3 wraps									15
PERFORMANCE CLASS									
DIN 41612 class 2									3
DIN 41612 class 1									4
CONTACT TERMINATION									
5.08 X 5.08									
CONTACT ARRANGEMENT									
Row z,b and d with contacts (24 hand solder)									111
Row z' and d with contacts (18 hand solder)									110
Row z and b with contacts (16 hand solder)									
LEAD-FREE									

www.fciconnect.com		surface	tolerance std	projection	mm
		ISO 1302 ✓	ISO 406 ISO 1101		
TOLERANCES UNLESS OTHERWISE SPECIFIED					
Dr	PESSON	2006/02/21	0.X	±0.1	size
Eng	PESSON	2006/02/21	0.XX	±0.1	A3
Chr	LEGARE	2006/02/21	0.XX	±0.1	Scale 1:1
Appr	LEGARE	2006/02/21	0.XX ±2'	0.XXX	±0.1
		Product family	DIN POWER		ECN L507-0288
		Spec ref -			
		RECEP MEDIUM HIGHT POWER			Rev.
		MIXED STYLE F24/H7			dwg no C01-5159-0039
		catalog no -			CUSTOMER sheet 1 of 1

rev	ecn no	dr	date
D	LS06-0022	LGO	2006/02/21
E	LS06-0095	LGO	2006/06/26
F	LS07-0288	LGO	2007/11/19
-	-	-	-
-	-	-	-
-	-	-	-