

1

2

3

4

A

B

C

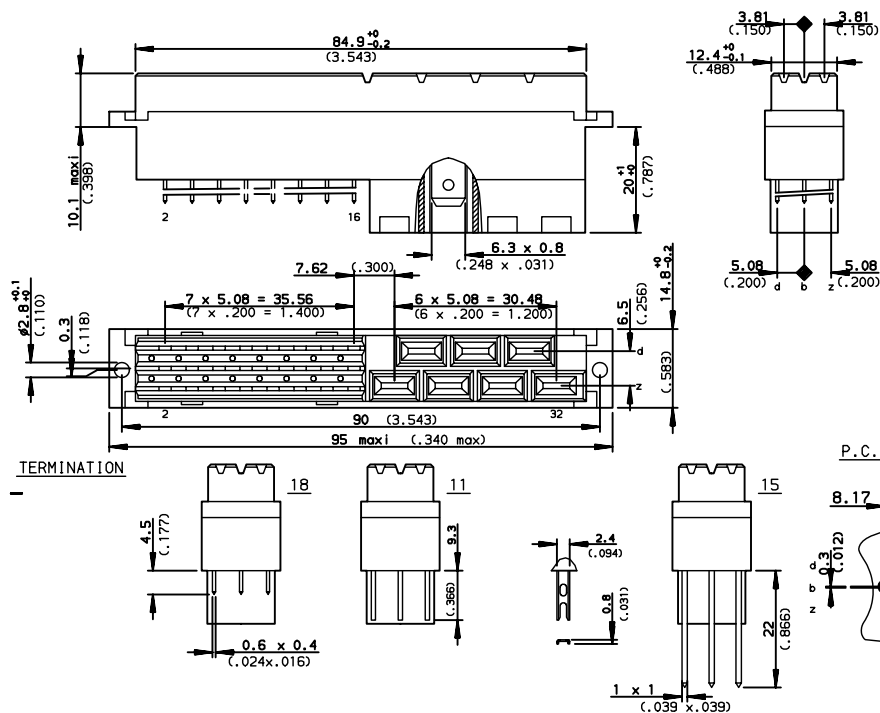
D

A

B

C

D



ELECTRICAL DATA

-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	1550V eff

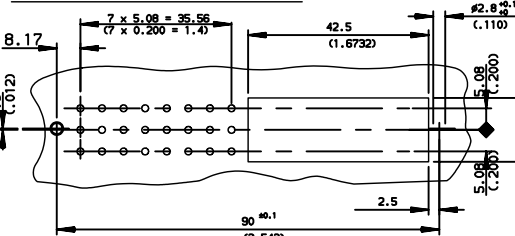
MECHANICAL DATA

-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

P.C. CARD DRILLING (scale 1.2)



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 W.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)									11
Row z and d with contacts (18 hand solder)									10
Row z and b with contacts (16 hand solder)									
LEAD-FREE									

rev	ecn no	dr	date
D	L506-0022	LGO	2006/02/21
E	L506-0095	LGO	2006/06/26
F	L507-0288	LGO	2007/11/19
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

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

REV F - 2006-04-17

1

2

3

4