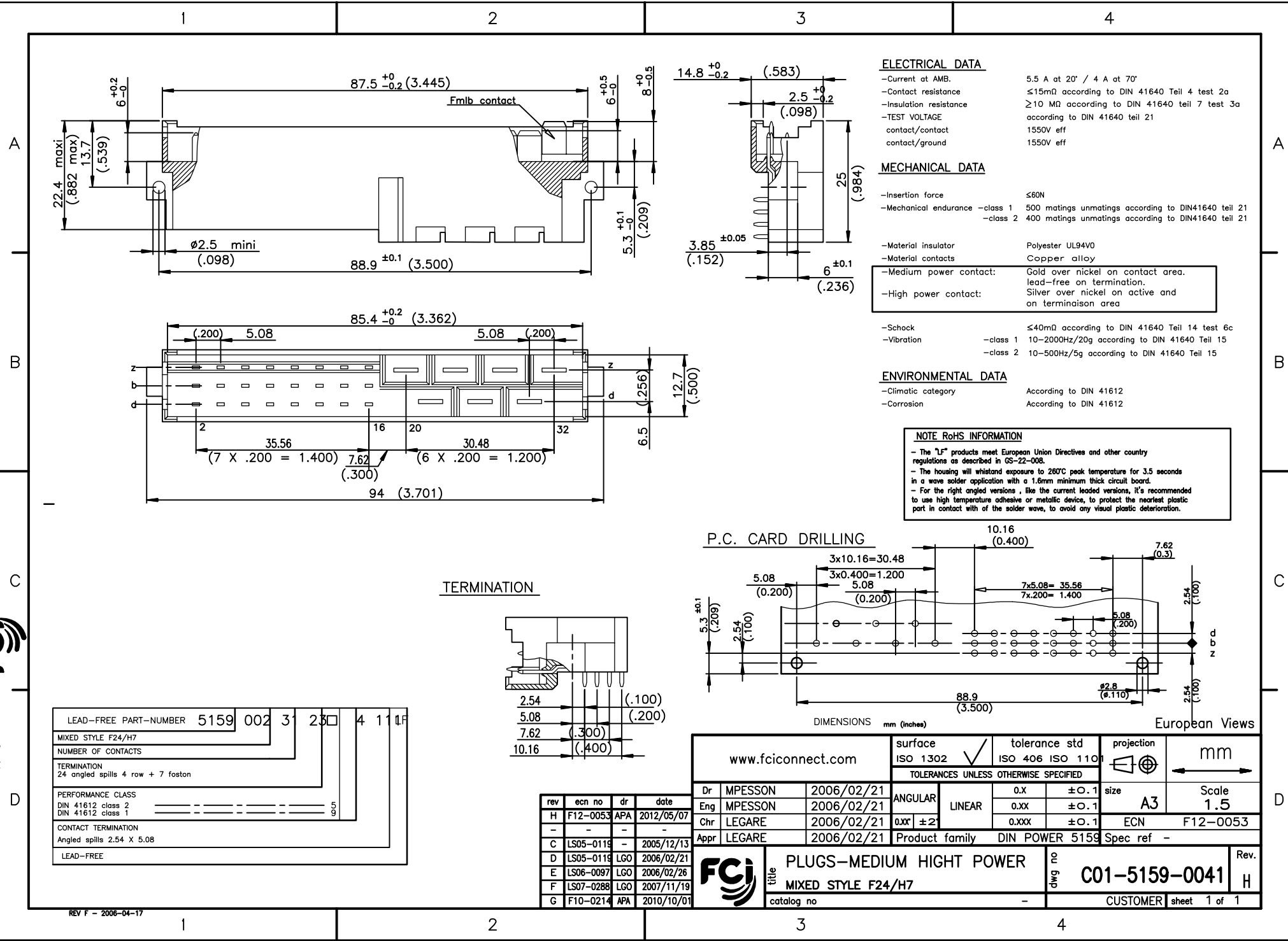




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ELECTRICAL DATA

- 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 Copper alloy
- Medium power contact: Gold over nickel on contact area, lead-free on termination.
- High power contact: Silver over nickel on active and on termination area

- Schock ≤40mΩ 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

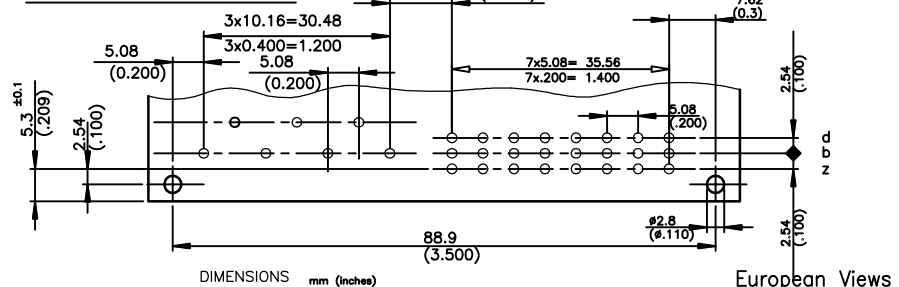
ENVIRONMENTAL DATA

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

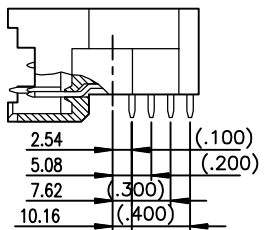
NOTE RoHS INFORMATION

- 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.
- 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.C. CARD DRILLING



TERMINATION



LEAD-FREE PART-NUMBER	5159	002	3	25	4	11	LF
MIXED STYLE	F24/H7						
NUMBER OF CONTACTS	24						
TERMINATION	24 angled spills 4 row + 7 foston						
PERFORMANCE CLASS	DIN 41612 class 2						
	DIN 41612 class 1						
CONTACT TERMINATION	Angled spills 2.54 X 5.08						
LEAD-FREE	-						

rev	ecn no	dr	date
H	F12-0053	APA	2012/05/07
-	-	-	-
C	LS05-0119	-	2005/12/13
D	LS05-0119	LGO	2006/02/21
E	LS06-0097	LGO	2006/02/26
F	LS07-0288	LGO	2007/11/19
G	F10-0214	APA	2010/10/01

www.fciconnect.com		surface	tolerance std	projection	mm
		ISO 1302	ISO 406 ISO 1101		
TOLERANCES UNLESS OTHERWISE SPECIFIED					
Dr	MPESSON	2006/02/21	ANGULAR	0.X	±0.1
Eng	MPESSON	2006/02/21	LINEAR	0.XX	±0.1
Chr	LEGARE	2006/02/21	0.XX ±2'	0.XXX	±0.1
Appr	LEGARE	2006/02/21	Product family	DIN POWER 5159	Spec ref -
FCI			title		Rev.
			PLUGS-MEDIUM HIGHT POWER		C01-5159-0041
			MIXED STYLE F24/H7		H
			catalog no	-	CUSTOMER sheet 1 of 1

REV F - 2006-04-17