

-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

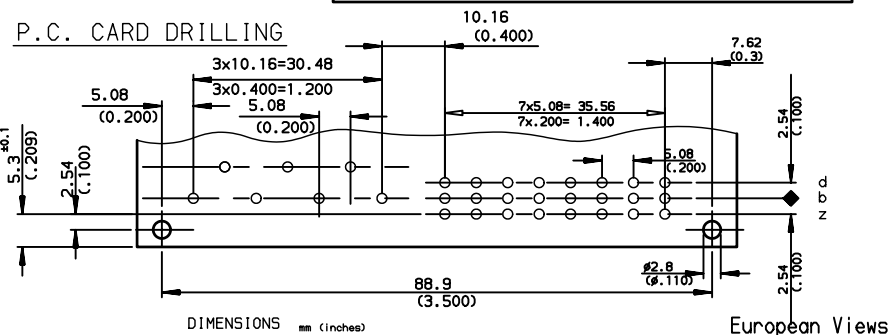
-Insertion force	≤60N		
-Mechanical endurance	-class 1	500 matings	unmatings according to DIN41640 teil 21
	-class 2	400 matings	unmatings according to DIN41640 teil 21

-Material insulator	Polyester UL94V0
-Material contacts	Bronze
-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	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/5a according to DIN 41640 Teil 15





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

- The "LP" products meet European Union Directives and other country regulations as described in 65-22-008.
- The housing will withstand exposure to 250°C peak temperature for 3.5 seconds in a wave solder application with a 1.6mm minimum pitch 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.



LEAD-FREE PART-NUMBER		5159		002		31		23		<input type="checkbox"/>		4		111		LF	
MIXED STYLE F24/H7																	
NUMBER OF CONTACTS																	
TERMINATION 24 angled spills 4 row x 7 poston																	
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
A	-	-	-
B	-	-	-
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
-	-	-	-

www.fciconnect.com			surface ISO 1302 		tolerance std ISO 406 ISO 1101		projection 		mm 	
			TOLERANCES UNLESS OTHERWISE SPECIFIED							
Dr	MPESSON	2006/02/21	ANGULAR	LINEAR	0.X	±0.1	size A3	Scale 1.5		
Eng	MPESSON	2006/02/21			0.XX	±0.1				
Chr	LEGARE	2006/02/21			0.XXX	±0.1		ECN LS07-0288		
Appr	LEGARE	2006/02/21	Product family		DIN POWER 5159		Spec ref -			
			PLUGS-MEDIUM HIGHT POWER			dwg no C01-5159-0041			Rev. F	
MIXED STYLE F24/H7			catalog no -						CUSTOMER	