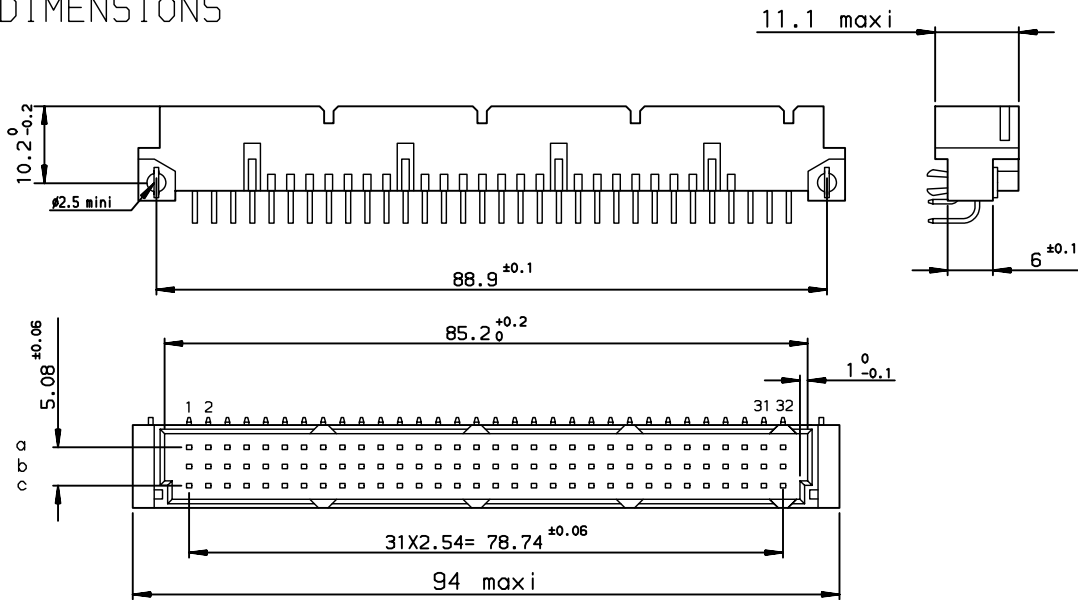


DIMENSIONS



ELECTRICAL DATA

-Current at AMB. 1.5 A at 20° / 1 A at 70°  
 -I max 2A  
 -Contact resistance <math>\leq 20\text{m}\Omega</math> according to DIN 41640 Teil 4 test 2a  
 -Insulation resistance >math>10^6\text{M}\Omega</math> according to DIN 41640 teil 7 test 3a  
 -TEST VOLTAGE according to DIN 41640 teil 21  
 contact/contact 1000V eff (0.5 mA / 50 Hz)  
 contact/ground 1550V eff (0.5 mA / 50 Hz)

MECHANICAL DATA

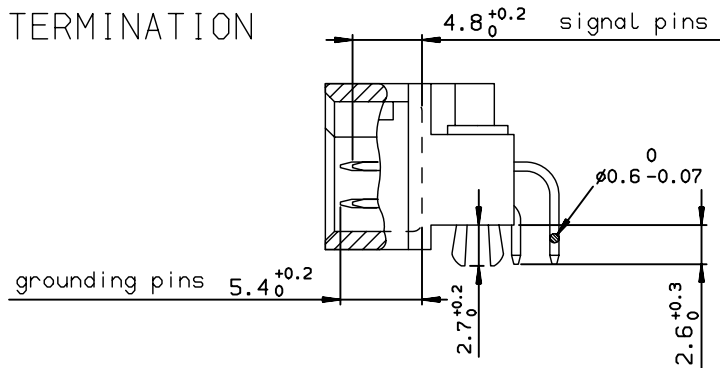
-Retention force >math>20\text{N}</math> per contact  
 -Mating force <math>\leq 60\text{N}</math>  
 -Unmating force >math>9\text{N}</math>  
 -Mechanical endurance 400 matings unmatings according to DIN41640 teil 21

-Material insulator Polyester thermoplastic UL94V0  
 -Material contacts Brass  
 -Finishing contact surface Gold over nickel  
 -Finishing termination Tin lead  
 -Solderability according to DIN 41640 teil 70 test 12a  
 -Schock <math>\leq 40\text{mA}</math> according to DIN 41640 Teil 14 test 6c  
 -Vibration 10-500Hz/5g according to DIN 41640 Teil 15

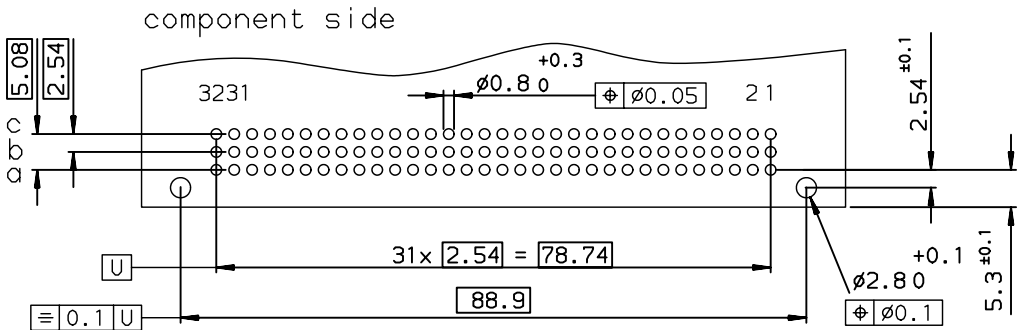
ENVIRONMENTAL DATA

-Climatic category According to DIN 41612 - class 2  
 -Corrosion According to DIN 41612 - class 2

TERMINATION



PCB DRILLING



PERFORMANCES AS PER DIN 41612 CLASS 2

SPECIFICATION 809 = 3 grounding pins in position : a26-a27-b16

PART NUMBER : 8609-264-71-13-H55-809-E1

rev	ecn no	dr	date
A	-	HLE	1999/11/24
B	LS07-0130	HLE	2007/06/04
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

www.fciconnect.com		surface ISO 1302 ✓	tolerance std ISO 406 ISO 1101	projection mm
TOLERANCES UNLESS OTHERWISE SPECIFIED				
Dr	LEGALLIC	1999/11/24	0.X	±0.1
Eng	LEGALLIC	1999/11/24	0.XX	±0.1
Chr	LEGARE	1999/11/24	0.XXX	±0.1
Appr	LEGARE	1999/11/24	size A3 Scale 1.5	
Product family				ECN LS07-0130
DIN				Spec ref -
title <b>STD MALE 3 ROW</b> 64 CONTACTS			dwg no <b>C-8609-0776</b>	Rev. <b>B</b>
catalog no			CUSTOMER	sheet 1 of 1

European Views