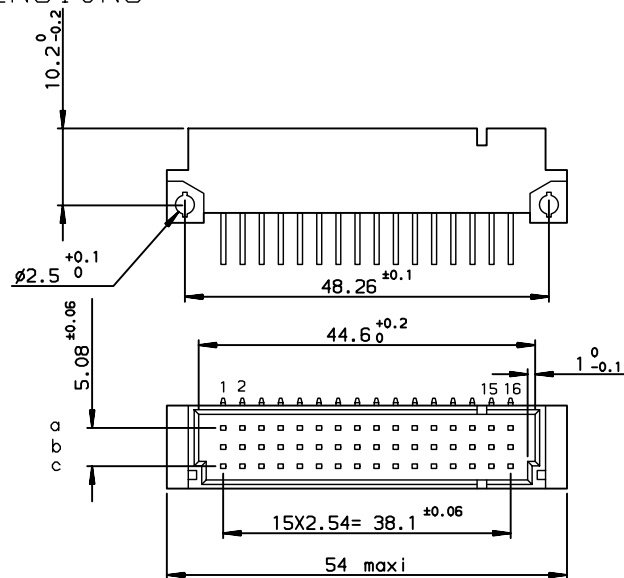


DIMENSIONS



ELECTRICAL DATA

-Current at AMB.	1.5 A at 20° / 1 A at 70°
-I max	2A
-Contact resistance	≤20mΩ according to DIN 41640 Teil 4 test 2a
-Insulation resistance	≥10 ⁶ MΩ 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)

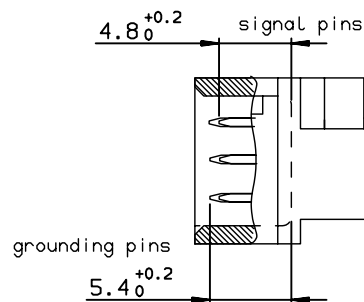
MECHANICAL DATA

-Retention force	≥20N per contact
-Insertion force	≤45N
-Withdrawal force	≥7N
-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	≤40mΩ according to DIN 41640 Teil 14 test 6c
-Vibration	10-500Hz/5g according to DIN 41640 Teil 15

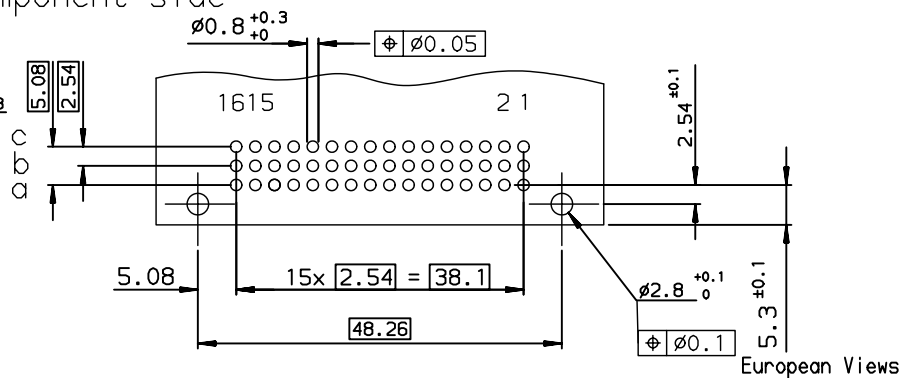
ENVIRONMENTAL DATA

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

TERMINATION



PCB DRILLING component side



PERFORMANCES AS PER DIN 41612 CLASS 2

SPECIFICATION 686 = 6 grounding pins in position :
row:a-b-c position 13 and 14

PART NUMBER : 8609-348-73-13-755-686-E1

rev	ecn no	dr	date
A	-	HLE	2000/04/27
B	LS07-0130	HLE	2007/05/25
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

www.fciconnect.com			surface ISO 1302		tolerance std ISO 406 ISO 1101		projection 		mm 	
			TOLERANCES UNLESS OTHERWISE SPECIFIED							
Dr	LEGALIC	2000/04/27	ANGULAR	LINEAR	0.X	±0.1	size A3	Scale 1.5		
Eng	LEGALIC	2000/04/27			0.XX	±0.1				
Chr	LEGARE	2000/04/27			0.XX	±0.1				
Appr	LEGARE	2000/04/27	Product family				DIN	ECN LS07-0130 Spec ref -		
			title STD MALE 3 ROW 48 CONTACTS				dwg no C-8609-0807		Rev. B	
			catalog no -							
							CUSTOMER		sheet 1 of 1	

REV F - 2006-04-17