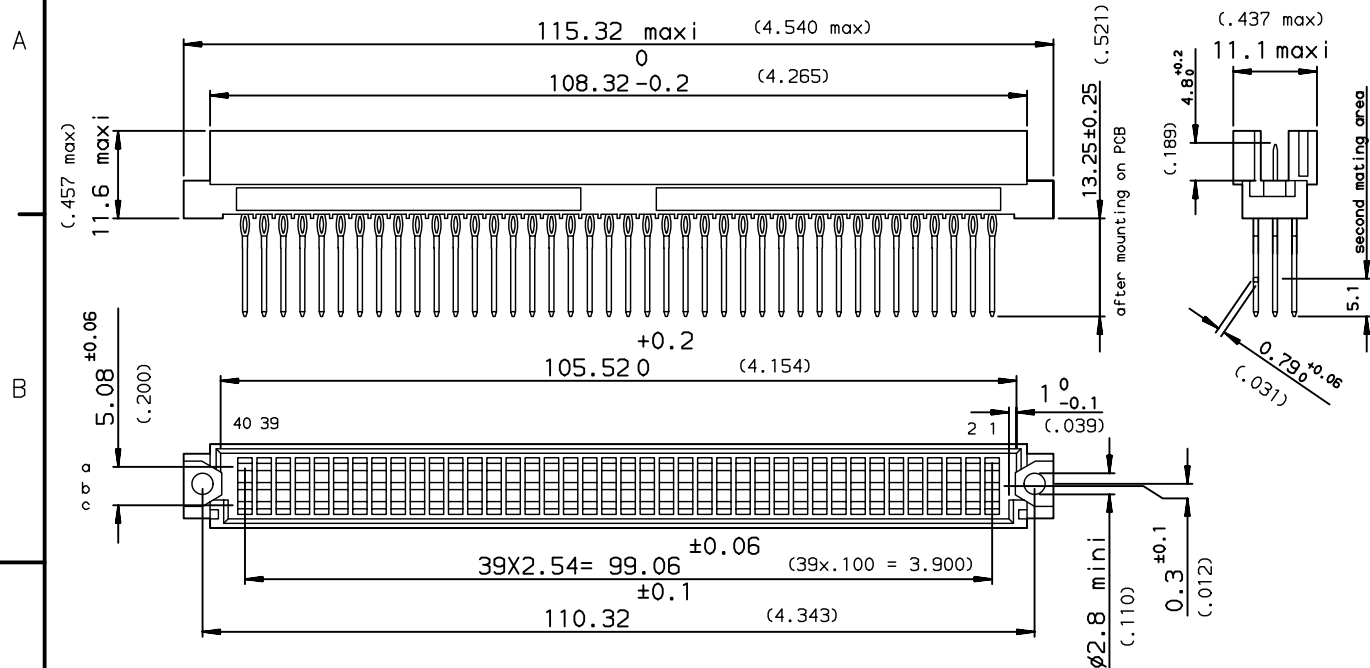


DIMENSIONS mm (inches)



ELECTRICAL DATA

- | | |
|-----------------------------------|--|
| -Current at AMB. | 1.5 A at 20° C / 1 A at 70° C |
| -I max | 2A |
| -Contact resistance | <20mΩ according to DIN 41640 Teil 4 test 2a |
| -Insulation resistance | >10 ¹⁰ 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) |
| -Press Fit termination resistance | ≤ 1 mΩ |

MECHANICAL DATA

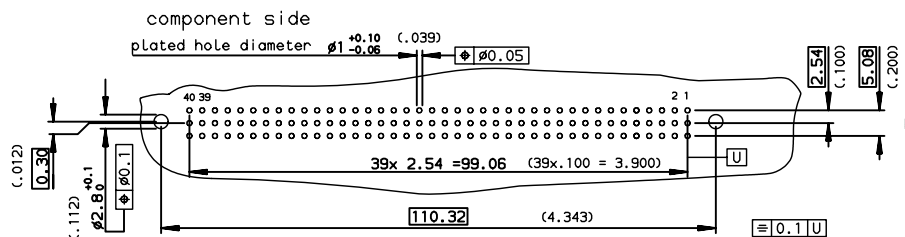
- | | |
|------------------------------|---|
| -Mating force | 120 Cts ; ≤ 112 N (25,35 lb) |
| -Unmating force | 120 Cts ; ≥ 18 N (4.1 lb) |
| -Mechanical endurance | 400 matings unmatings according to DIN41640 teil 21 |
| | |
| -Press in insertion force | |
| per pin | 180 N (40.7 lb) max / 75 N (17 lb) standard |
| -Material insulator | Polyester thermoplastic UL94V0 |
| -Material contacts | Phosphor bronze |
| -Finishing contact surface | Gold over Nickel |
| -Finishing termination | Tin Lead and Gold over Nickel |
| -Shock | ≤ 40 ms according to DIN 41640 Teil 14 test 6c |
| -Vibration | 10-500Hz/5g according to DIN 41640 Teil 15 |
| -Backpanel or PCB thickness: | 1,6 - 2,4 or 3,2 mm |

ENVIRONMENTAL DATA

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





PERFORMANCES AS PER DIN 41612 CLASS 2

PCB DRILLING



PART NUMBER : 8609-31-20-74-96-755-000

European Views

| | | | | | | | | | | |
|---|----------|------------|---|--------|-----------------------------------|------|---|----|---|-----------|
| www.fciconnect.com | | | surface ISO 1302  | | tolerance std ISO 406 ISO 1101 | | projection  | | mm  | |
| | | | TOLERANCES UNLESS OTHERWISE SPECIFIED | | | | | | | |
| Dr | LEGALLIC | 2000/01/10 | ANGULAR | LINEAR | 0.X | ±0.1 | size | A3 | Scale 1.5 | |
| Eng | LEGALLIC | 2000/01/10 | | | 0.XX | ±0.1 | | | ECN | LS07-0130 |
| Chr | LEGARE | 2000/01/10 | | | 0.XXX | ±0.1 | | | | |
| Appr | LEGARE | 2000/01/10 | Product family | | | | DIN | | Spec ref - | |
|  | | | title STRAIGHT MALE STYLE R PRESS FIT 120 CONTACTS | | | | dwg no C-8609-0762 | | Rev. D | |
| | | | | | | | | | | |
| | | | catalog no | | - | | CUSTOMER | | sheet 1 of 1 | |