

1

2

3

4

5

6

7

8

REFERENCE SPECIFICATIONS

-NFC 93425 (in compliance with HE 501)

PHYSICAL CHARACTERISTICS

-INSULATOR MATERIAL: THERMOPLASTIC UL94V0

-CONTACT MATERIAL: PHOSPHOR BRONZE

GOLD OVER NICKEL

-ACCESSORIES: BRASS ,cadmium plated yellow passivation

-SHELLS: STEEL ,cadmium plated yellow passivation

ELECTRICAL CHARACTERISTICS

-NOMINAL CURRENT: 7.5A

-CONTACT RESISTANCE: <= 7.3 m ohms

-CONTACT/CONTACT : >=1000 V

-CONTACT/GROUND : >=1200 V

-INSULATION RESISTANCE: >=5000 MOhms

ENVIRONMENTAL CHARACTERISTICS

- CLIMATIC CATEGORY: 55/125/56

TEMPERATURE RANGE -55°C TO +125°C

DAMP HEAT STEADY STATE 56 DAYS

SALT SPRAY 48 HOURS

MECHANICAL CHARACTERISTICS

- RETENTION AGAINST TORQUE: - Threaded insert: 0.7 N.m minimum

- Female screw : 0.5 N.m minimum

Series

DBML25S300

Shell size: E A B C D

see sheet 2

Front accessory definition

see sheet 2

Blank :without accessory

F :floating mounting

L :threaded insert M3

O :threaded insert UNC 4-40

V :female screw UNC 4-40

S :spacer

Contact number (see sheet 2)

9,15,25,37,50

Contacts

S :Socket

Termination type

3 :Straight version

Plating

00 : 500 matings/unmatings

43 : 500 matings/unmatings for harsh environment

25 WAY for Example

FCI

Copyright FCI.

Dr M PESSON

2006/11/06

Eng P LEGARE

2006/11/06

Chr P LEGARE

2006/11/06

Appr P LEGARE

2006/11/06

Product family

-

Spec.ref

-

surface

-

tolerance std

ISO 1302

ISO 406

ISO 1101

tolerances unless otherwise specified

0.X

±0.3

0.XX

±0.1

0.XXX

±0.05

projection

mm

size

A2

Scale

2:1

ECN

LS07-0273

FCI

title

SUB FEMALE DM HE501 series

with straight solder contact

catalog no

-

deg no

C01-8637-1734

Rev.

B

rev

ecn no

dr

date

A

LS06-0174

MPE

2006/11/06

B

LS07-0273

MPE

2007/10/30

-

-

-

-

-

-

-

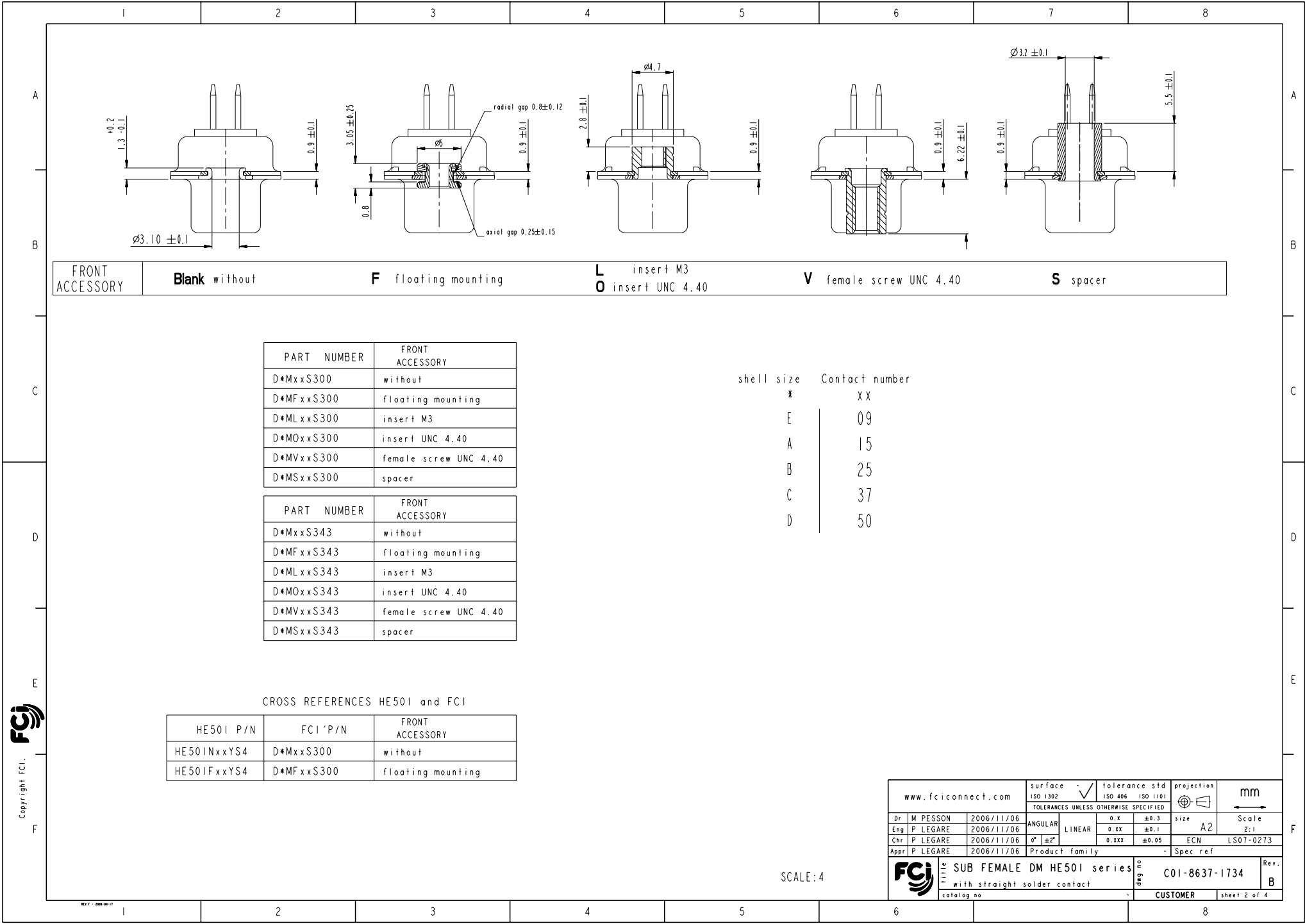
-

-

-

customer

sheet 1 of 4



Copyright FC1.

