



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

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Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



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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

FCI

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25 WAY for Example

www.fciconnect.com

surface -

tolerance std

projection

mm

ISO 1302

ISO 406

ISO 1101

size

Scale

TOLERANCES UNLESS OTHERWISE SPECIFIED

0.X

±0.3

A2

2:1

0.XX

±0.1

ECN

LS07-0273

0.XXX

±0.05

Spec.ref

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

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FCI

title

SUB FEMALE DM HE501 series

deg no

C01-8637-1734

Rev.

B

with straight solder contact

catalog no

-

CUSTOMER

sheet 1 of 4

rev

ecn no

dr

date

A

LS06-0174

MPE

2006/11/06

B

LS07-0273

MPE

2007/10/30

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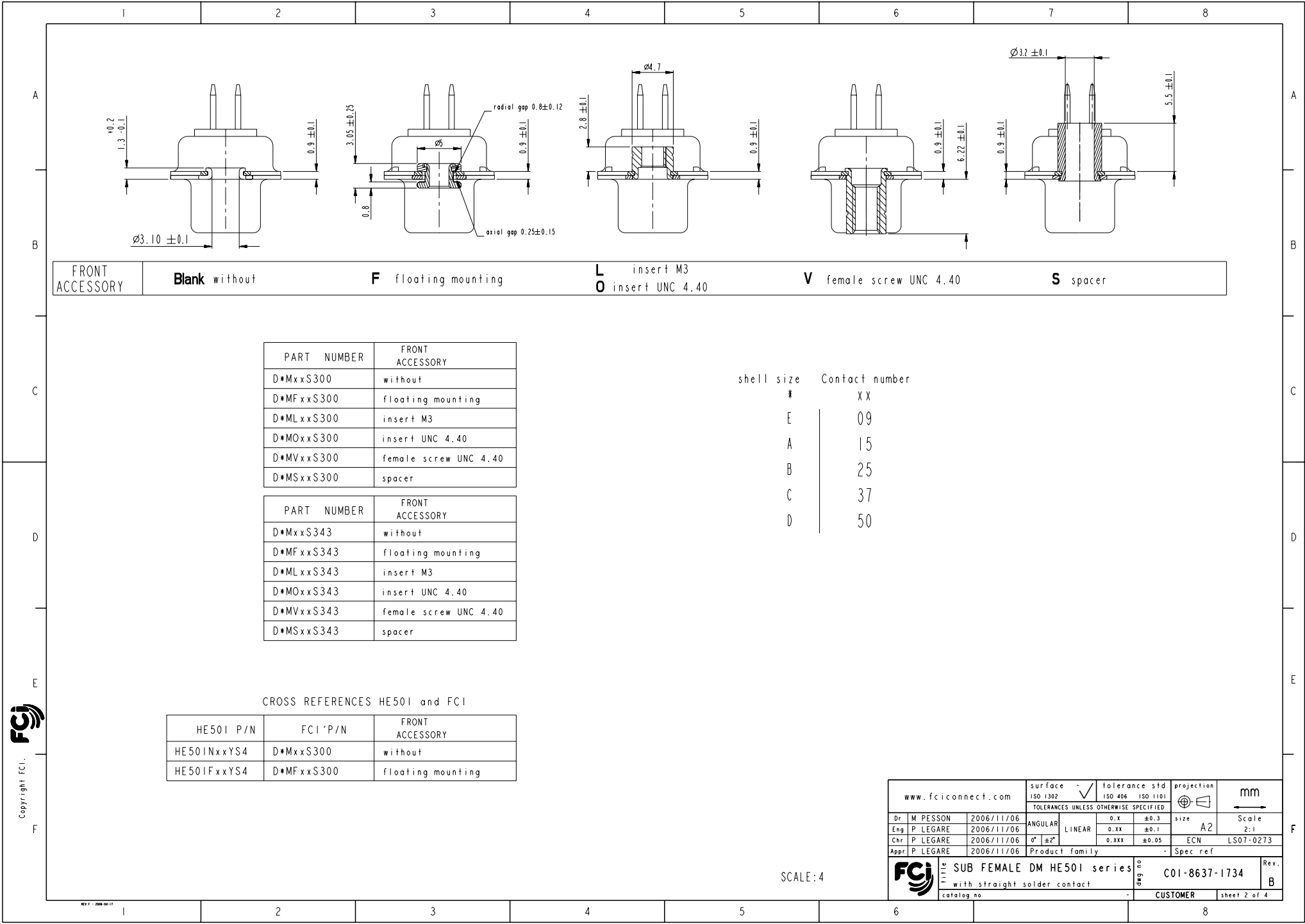
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