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REFERENCE SPECIFICATIONS

-NFC 93425 (in compliance with HE 507)

PHYSICAL CHARACTERISTICS

-INSULATOR MATERIAL: THERMOPLASTIC UL94V0

-CONTACT MATERIAL: PHOSPHOR BRONZE (signal contact)
GOLD OVER NICKEL

-ACCESSORIES: STAINLESS STEEL or BRASS,
cadmium plated yellow passivation

-SHELLS: STEEL,cadmium plated yellow passivation

ELECTRICAL CHARACTERISTICS

-NOMINAL CURRENT: 7.5A

-CONTACT RESISTANCE: <= 7.3 m ohms signal

-CONTACT/CONTACT : >=1000 V

-CONTACT/CONTACT : >=1000 V

-CONTACT/GROUND : >=1200 V

-INSULATION RESISTANCE: >=5000 MOhms

ENVIRONMENTAL CHARACTERISTICS

- CLIMATIC CATEGORY: 55/125/21

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

DBML13W3P043N

Shell size: E A B C D
see sheet 3

M :characteristic
for the DM series

Front accessory definition
see sheet 2

Blank :without accessory

O :threaded insert M3

L :threaded insert UNC 4-40

V :female screw UNC 4-40

F :floating mounting

Layout of contacts

Contacts

P :Pin

Plating

Blank solder bucket 500 matings/unmatings

043 solder bucket 500 matings/unmatings for harsh environment

N :obligatory indication for HE 507 series

13W3 FOR EXAMPLE

www.fciconnect.com

surface -
ISO 1302 ✓

tolerance std
ISO 406 ISO 1101

projection
mm

tolerances unless otherwise specified

0.X ±0.3

0.XX ±0.1

0.XXX ±0.05

size A2

Scale 2:1

ECN LS07-0273

Spec.ref

Dr M PESSON 2006/11/14

Eng P LEGARE 2006/11/14

Chr P LEGARE 2006/11/14

Appr P LEGARE 2006/11/14

Product family

FCI

SUB MALE DMW

mixed power+solder bucket

catalog no

deg no C01-8637-1754

Rev. B

CUSTOMER

sheet 1 of 7

rev ecn no dr date

A LS06-0174 MPE 2006/11/14

B LS07-0273 MPE 2007/10/30

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REV 7 - 2006-09-17

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