

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 (SIGNAL CONTACT)

-CONTACT RESISTANCE: <=7.3 m Ohms SIGNAL

-CONTACT/CONTACT : >=1000 V

-CONTACT/GROUND : >=1200 V

-INSULATION RESISTANCE: >=5000 MOhms

- CLIMATIC CATEGORY: 55/125/21

TEMPERATURE RANGE -55°C TO +125°C

DAMP HEAT STEADY STATE 56 DAYS

SALT SPRAY 48 HOURS

Series

DBML13W3S400N

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

L :threaded insert M3

O :threaded insert UNC 4-40

V :female screw UNC 4-40

F :floating mounting

S :spacer

Layout of contacts (see sheet 3)

Contacts

S :Socket

Termination type

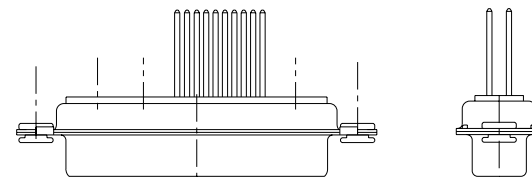
4 3 level wire wrap

Plating

00 straight solder 500 matings/unmatings

43 straight solder 500 matings/unmatings for harsh environment

N :obligatory indication for HE 507 series



I3W3 FOR EXAMPLE

www.fciconnect.com				surface ☒ ISO 1302		tolerance std ISO 406 ISO 1101		projection 		mm 				
TOLERANCES UNLESS OTHERWISE SPECIFIED														
rev	ecn no	dr	date	Dr	M PESSON	2006/11/14	ANGULAR	L	0.X	±0.3	size	A2	Scale	2:1
A	LS06-0174	MLE	2006/11/14	Eng	P LEGARE	2006/11/14	LINEAR		0.XX	±0.1				
B	LS07-0273	MPE	2007/10/30	Chr	P LEGARE	2006/11/14	0° ±2°		0.XXX	±0.05		ECN	LS07-0273	
-	-	-	-	Appr	P LEGARE	2006/11/14	Product family	-	-	-	-	Spec ref	-	-
				SUB FEMALE DMW				drg no		C01-8637-1755		Rev.		B
				mixed power 3 level wire wrap										
				catalog no						CUSTOMER		sheet 1 of 7		

