

-NFC 93425 (in compliance with HE 508)

PHYSICAL CHARACTERISTICS

ELECTRICAL CHARACTERISTICS

ENVIRONMENTAL CHARACTERISTICS

MECHANICAL CHARACTERISTICS

Series

DBML25S043N

Shell size: **E A B C D** ←

see sheet 2

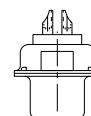
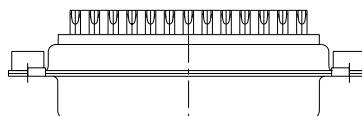
Front accessory definition
see sheet 2

Blank : without accessory

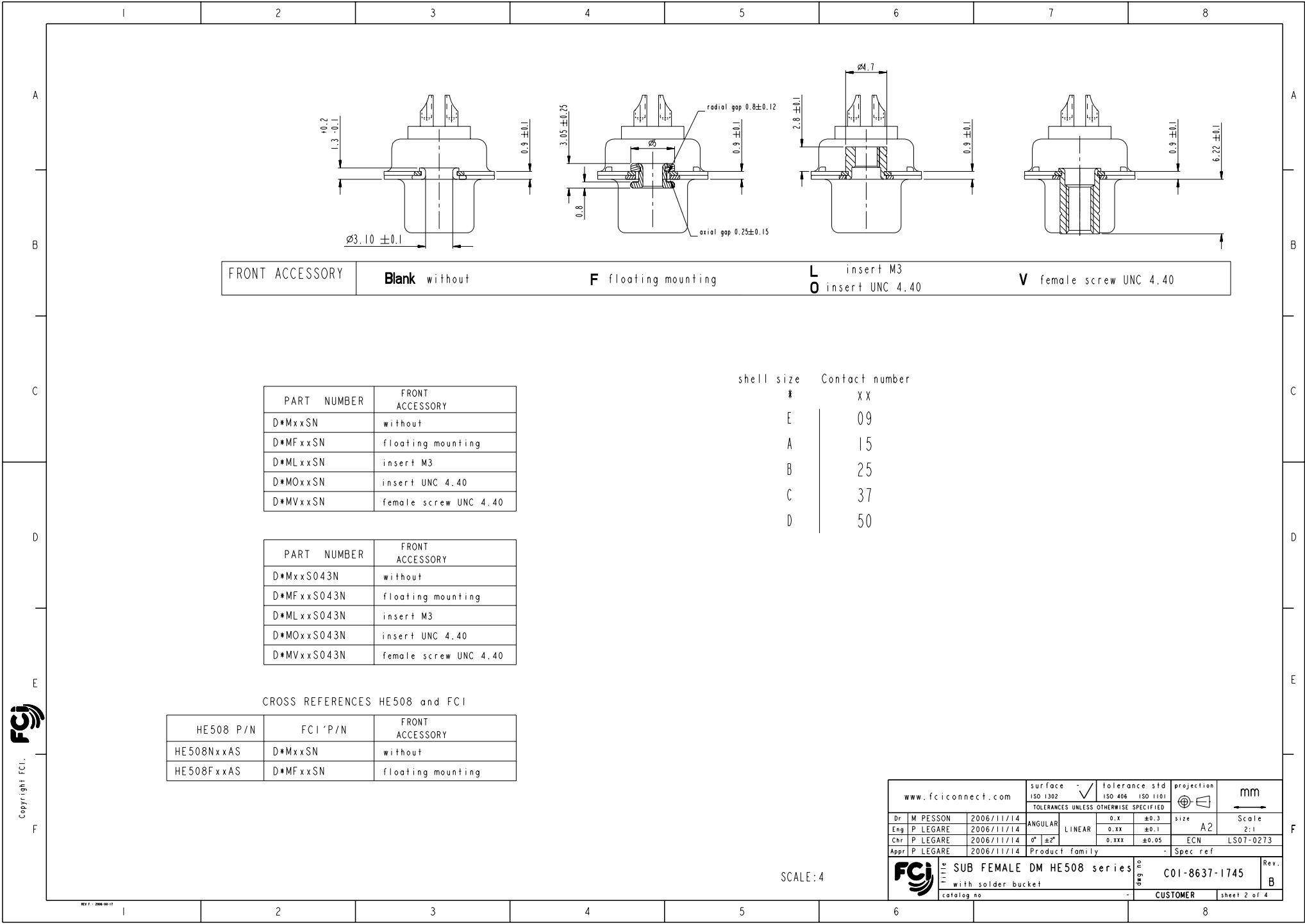
F : floating mounting

```
L      : threaded insert M3
```

→ Obligatory for HE508



rev	ecn no	dr	date
A	LS06-0174	MPE	2006/11/1
B	LS07-0273	MPE	2007/10/3
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-



FRONT ACCESSORY	Blank without	F floating mounting	L insert M3 O insert UNC 4.40	V female screw UNC 4.40
-----------------	---------------	---------------------	----------------------------------	-------------------------

PART NUMBER	FRONT ACCESSORY
D*MxxSN	without
D*MFxxSN	floating mounting
D*MLxxSN	insert M3
D*MOxxSN	insert UNC 4.40
D*MVxxSN	female screw UNC 4.40

PART NUMBER	FRONT ACCESSORY
D*MxxS043N	without
D*MFxxS043N	floating mounting
D*MLxxS043N	insert M3
D*MOxxS043N	insert UNC 4.40
D*MVxxS043N	female screw UNC 4.40

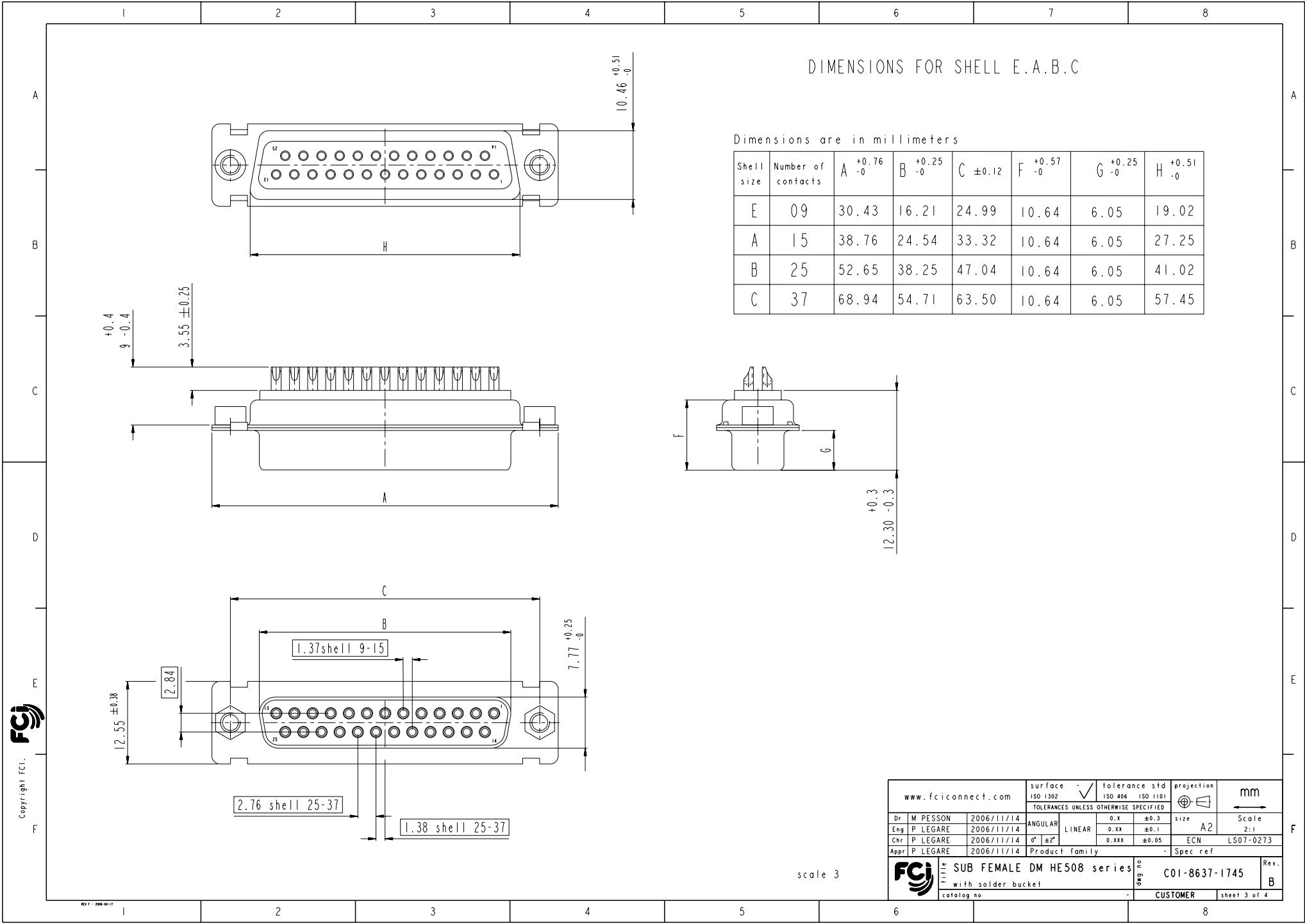
shell size	Contact number
#	XX
E	09
A	15
B	25
C	37
D	50

CROSS REFERENCES HE508 and FCI

HE508 P/N	FCI P/N	FRONT ACCESSORY
HE508NxxAS	D*MxxSN	without
HE508FxxAS	D*MFxxSN	floating mounting

SCALE: 4

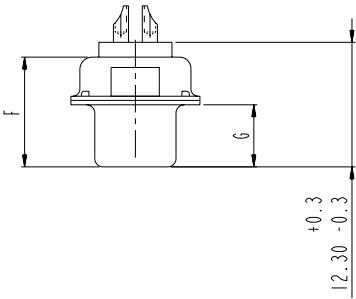
www.fciconnect.com		surface ISO 1302	tolerance std ISO 406 ISO 1101	projection size A2	mm Scale 2:1
TOLERANCES UNLESS OTHERWISE SPECIFIED		ANGULAR	LINEAR	size A2	Scale 2:1
Dr M PESSON	2006/11/14	0.X	±0.3	ECN	LS07-0273
Eng P LEGARE	2006/11/14	0.XX	±0.1	Product family	Spec ref
Chr P LEGARE	2006/11/14	0° ±2°	0.XXX ±0.05		
Appr P LEGARE	2006/11/14				
FCI		SUB FEMALE DM HE508 series		deg no C01-8637-1745	Rev. B
with solder bucket		catalog no		CUSTOMER sheet 2 of 4	



DIMENSIONS FOR SHELL E.A.B.C

Dimensions are in millimeters

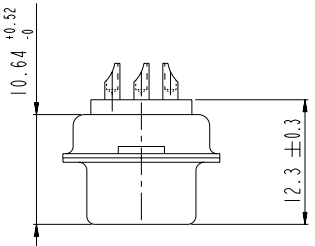
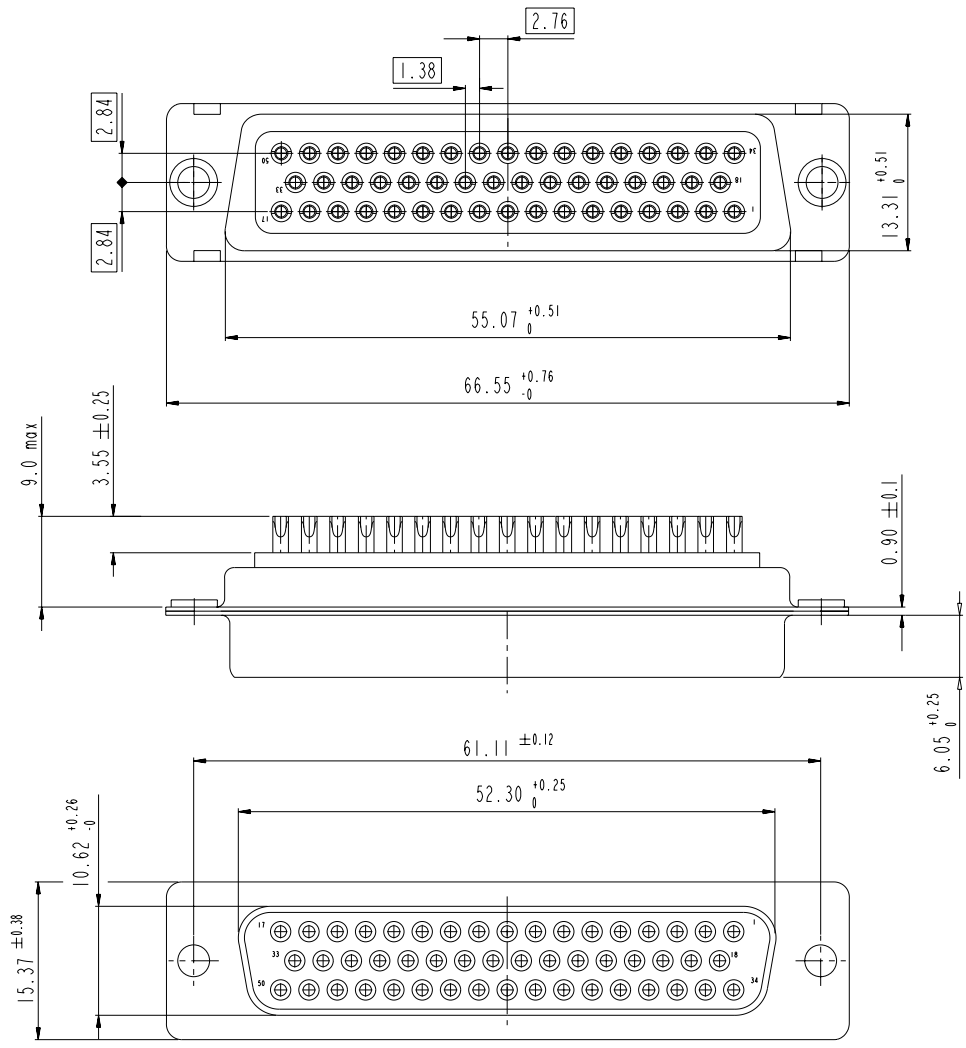
Shell size	Number of contacts	A ^{+0.76 -0}	B ^{+0.25 -0}	C ^{±0.12}	F ^{+0.57 -0}	G ^{+0.25 -0}	H ^{+0.51 -0}
E	09	30.43	16.21	24.99	10.64	6.05	19.02
A	15	38.76	24.54	33.32	10.64	6.05	27.25
B	25	52.65	38.25	47.04	10.64	6.05	41.02
C	37	68.94	54.71	63.50	10.64	6.05	57.45



Copyright FCI.

www.fciconnect.com		surface ISO 1302	tolerance std ISO 406	projection ISO 1101	mm	
		TOLERANCES UNLESS OTHERWISE SPECIFIED				
Dr	M PESSON	2006/11/14	ANGULAR	0.X	±0.3	size A2
Eng	P LEGARE	2006/11/14	LINEAR	0.XX	±0.1	Scale 2:1
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		
FCI		SUB FEMALE DM HE508 series		C01-8637-1745		Rev. B
Title		with solder bucket		C01-8637-1745		Rev. B
Catalog no				CUSTOMER		sheet 3 of 4

DIMENSIONS FOR SHELL SIZE D (50 CONTACTS)



scale 3

www.fciconnect.com		surface	ISO 1302	tolerance std	ISO 406	ISO 1101	projection	mm
		TOLERANCES UNLESS OTHERWISE SPECIFIED						
Dr	M PESSON	2006/11/14	ANGULAR	0.X	±0.3	size	A2	Scale
Eng	P LEGARE	2006/11/14	LINEAR	0.XX	±0.1	2:1		
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		
FCI		SUB FEMALE DM HE508 series		C01-8637-1745		Rev.		
with solder bucket						B		
catalog no						CUSTOMER		
						sheet 4 of 4		