

REFERENCE SPECIFICATIONS

-NFC 93425 (in compliance with HE 507)

PHYSICAL CHARACTERISTICS

-INSULATOR MATERIAL: THERMOPLASTIC ,UL94V0

-ACCESSORIES: BRASS

-SHELLS: STEEL

ELECTRICAL CHARACTERISTICS

-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 21 DAYS

SALT SPRAY 24 HOURS

MECHANICAL CHARACTERISTICS

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

- Female screw : 0.5 N.m minimum

Series

DBL5W 5SA00LF

Shell size: E A B C
see sheet 2

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

Layout of contacts (see sheet 3)

Contacts

S :Socket

PCB accessory definition

A without accessory on PCB

Power contacts

00 without power contact

See note RoHS

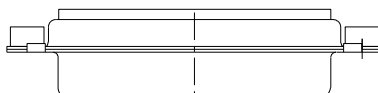
NOTE RoHS INFORMATION

- The "LF" products meet european union Directives and other country regulations as described in GS-22-008.

- Shell plating :2 to 4 μ m Cu+ Ni + 3 to 10 μ m Sn(pure bright)

- Accessories: Sn pure bright + nickel

- Packaging spec: See GS-14-920



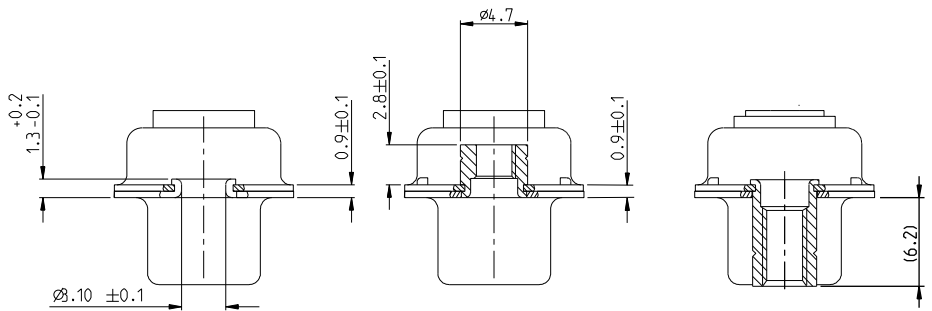
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A	LS05-0113	HPE	2005-11-28
B	LS06-0208	LGO	2006-12-13
C	LS07-0273	HPE	2007/11/05
D	F09-0074	LSA	2009-08-18
-	-	-	-
-	-	-	-
-	-	-	-

www.fciconnect.com		surface ISO 1302	-	tolerance std ISO 406	ISO 1101	projection ISO 1101	mm
Dr M PESSON		2005-10-11	ANGULAR		TOLERANCES UNLESS OTHERWISE SPECIFIED		
Eng P LEGARE		2005-10-11	LINEAR		0.X	± 0.3	size A2
Chr			0° $\pm 2^\circ$		0.XX	± 0.1	Scale 2:1
Appr			Product family		0.XXX	± 0.05	ECN F09-0074
					-		Spec ref
FCI		title SUB FEMALE DW		Part no C01-8639-2311		Rev. D	
		full power without contact		CUSTOMER		Sheet 1 of 1	
		catalog no		Printed: Jun 20, 2015		Printed: Apr 28, 2015	

PDM: Rev: D

STATUS: Released

Printed: Jun 20, 2015



FRONT ACCESSORY	Blank without	L insert M3	V Female screw UNC 4-40
PCB ACCESSORIES	A without	A without	A without

PART NUMBER	FRONT ACCESSORY	PCB ACCESSORY
D*xW xSA00LF	WITHOUT	WITHOUT
D*VxW xSA00LF	Female screw UNC 4-40	WITHOUT
D*LxW xSA00LF	Insert M3	WITHOUT
D*OxW xSA00LF	Insert UNC 4-40	WITHOUT

shell size LAYOUTS

E	2V2
A	3V3
A	3W3
B	5W5
C	8W8

SCALE:4

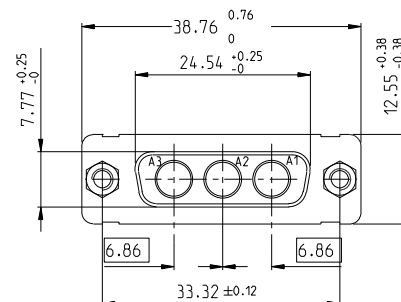
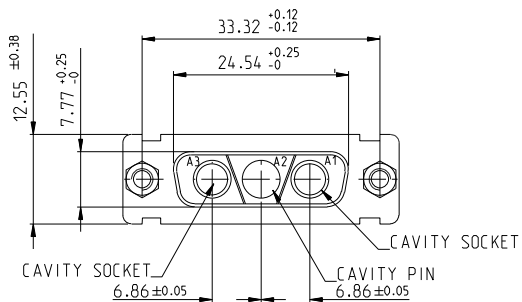
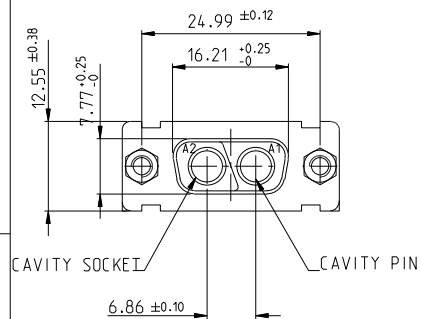
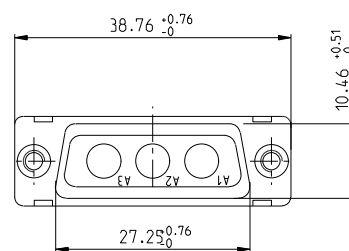
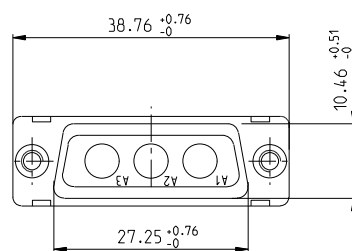
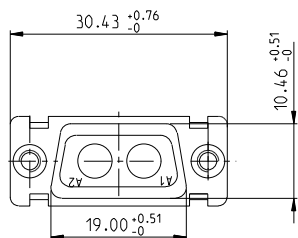
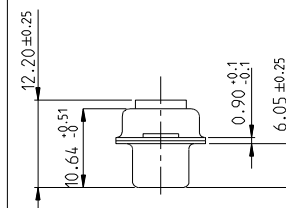
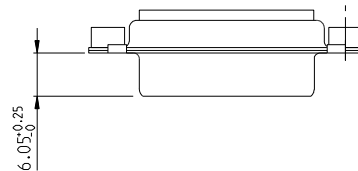
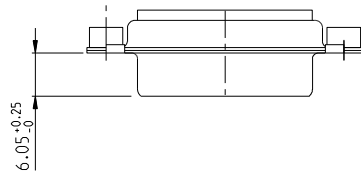
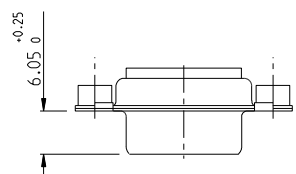
www.fciconnect.com		surface ISO 1302	tolerance std ISO 406 ISO 1101	projection	mm
		TOLERANCES UNLESS OTHERWISE SPECIFIED			
Dr	M PESSON	2005-10-11	ANGULAR	0.X	±0.3
Eng	P LEGARE	2005-10-11	LINEAR	0.XX	±0.1
Chr				0.XXX	±0.05
Appr			Product family	-	Spec ref

FCI	title SUB FEMALE DW	Rev	C01-8639-2311	Rev.
	full power without contact			D

2V2

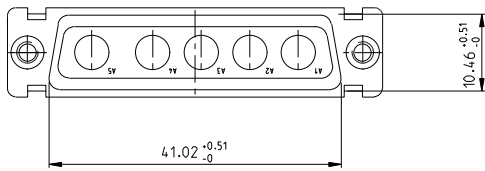
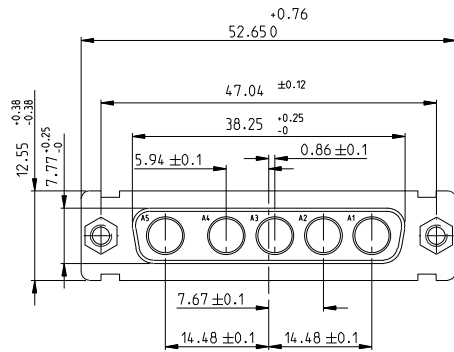
3V3

3W3

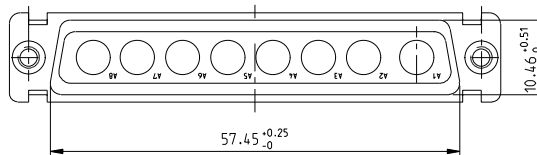
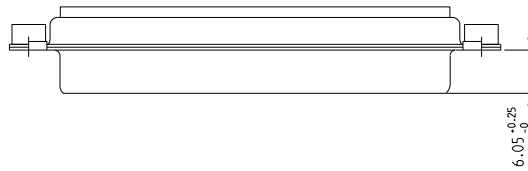
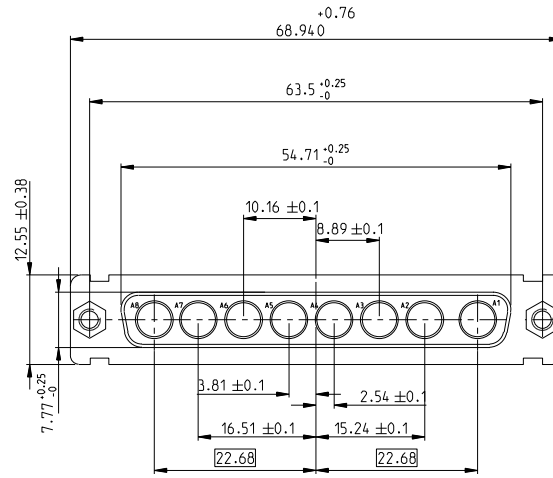
SIDE VIEW FOR
LAYOUTS: E A B C

www.fciconnect.com			Surface ISO 1302	✓	Tolerance std ISO 406 ISO 1101	projection mm		
			TOLERANCES UNLESS OTHERWISE SPECIFIED					
Dr	M PESSON	2005-10-11	ANGULAR	LINEAR	0.X	±0.3	size A2	Scale 2:1
Eng	P. LEGARE	2005-10-11			0.XX	±0.1		
Chr			0°	±2°	0.XXX	±0.05	ECN	F09-0074
Appr			Product family			-	Spec ref	
FCI			Title SUB FEMALE DW			Rev. C01-8639-2311		
full power without contact			Drawing no			CUSTOMER		
						Sheet 3 of 4		

5W 5



8W 8



www.fciconnect.com		surface ISO 1302	✓	tolerance std ISO 406 ISO 1101	projection mm	mm	
		TOLERANCES UNLESS OTHERWISE SPECIFIED					
Dr	M PESSON	2005-10-11	ANGULAR	0.X	±0.3	size	A2
Eng	P LEGARE	2005-10-11	LINEAR	0.XX	±0.1	Scale	2:1
Chr			0° ±2°	0.XXX	±0.05	ECN	F09-0074
Appr			Product family	-	Spec ref		



title	SUB FEMALE DW	Rev.	
full power without contact		C01-8639-2311	D
customer			
Sheet 4 of 4			

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