

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

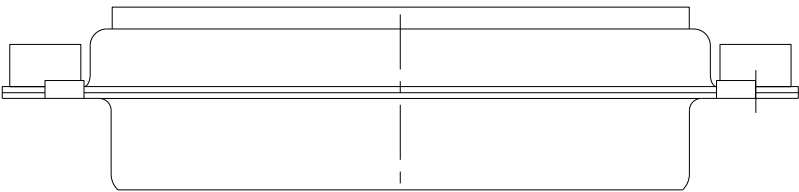
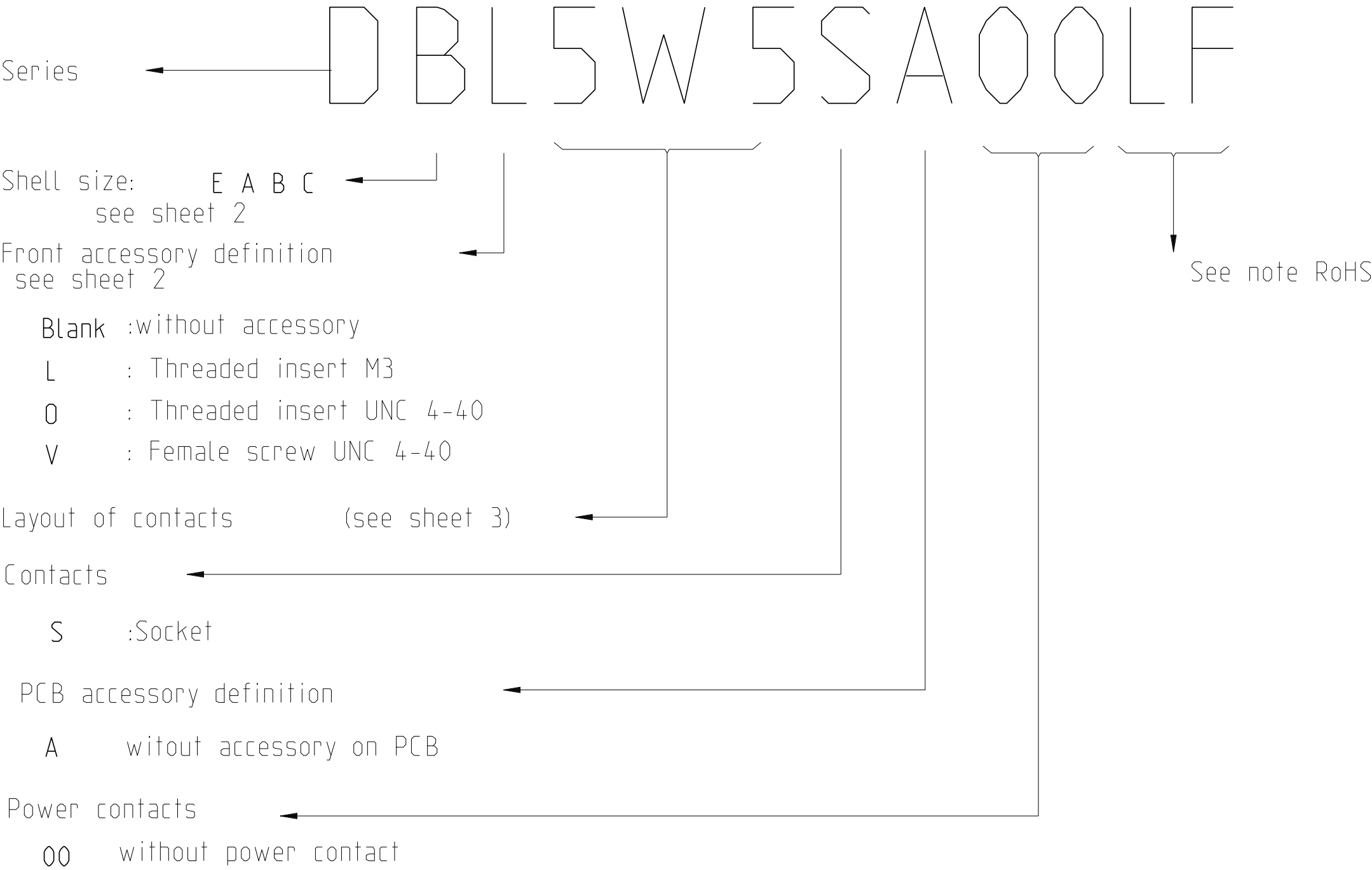
- CLIMATIC CATEGORY: 55/125/21
- TEMPERATURE RANGE -55°C TO +125°C
- DAMP HEAT STEADY STATE 21 DAYS
- SALT SPRAY 24 HOURS

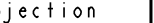
MECHANICAL CHARACTERISTICS

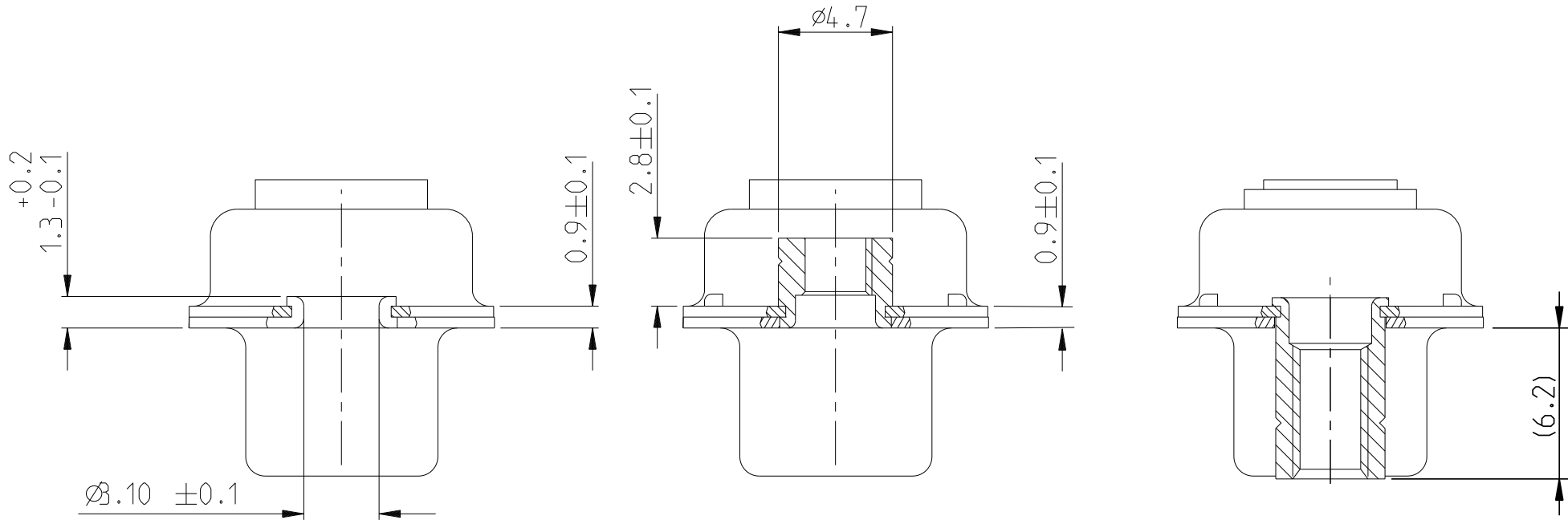
- RETENTION AGAINST TORQUE:
 - Threaded insert: 0.7 N.m minimum
 - Female screw : 0.5 N.m minimum

NOTE ROHS INFORMATION

- The “LF” products meet european union Directives and other country regulations as described in GS-22-008.
- Shell plating :2 to 4µm Cu+ Ni + 3 to 10µmm Sn(pure bright)
- Accessories: Sn pure bright + nickel
- Packaging spec: See GS-14-920



spec ref				dr	Pro Engineer 1	2015/06/16			size	A2	scale	2:1	
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	J Dalibard	2016/09/13			ecn no	ECN-ELX-F-24942-1			
				chr	J Dalibard	2016/09/19			product family - rel level Released				
				appr	Aymeric Soudy	2016/09/20							
surface 	linear	0.X	±0.3	Amphenol FCi	title	SUB FEMALE DW full power without contact			dwg no	C01-8639-2311		rev	E
		0.XX	±0.10										
		0.XXX	±0.05										
	angular	0°	±2°										



FRONT ACCESSORY	Blank without	L insert M3 O insert UNC 4.40	V Female screw UNC 4-40
PCB ACCESSORIES	A without	A without	A without

PART NUMBER	FRONT ACCESSORY	PCB ACCESSORY
D*W 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

spec ref				dr	Pro Engineer 1	2015/06/16			size	scale			
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	J Dalibard	2016/09/13			A2	2:1			
				chr	J Dalibard	2016/09/19			ecn no	ECN-ELX-F-24942-1			
				appr	Aymeric Soudy	2016/09/20			product family		-	rel level	Released
surface		linear	0.X	±0.3		title SUB FEMALE DW			dwg no	C01-8639-2311		rev	E
			0.XX	±0.10									
			0.XXX	±0.05									
			angular	0°									
						cat. no.	-	Product - Customer Drw				sheet 2 of 4	

F

E

Technical drawing of the top view of a rectangular component. The drawing shows a central rectangular area with three circular features labeled A1, A2, and A3. A1 and A3 are on the left and right sides, respectively, and A2 is in the center. The overall width is dimensioned as 38.76 with a tolerance of $^{+0.76}_{-0}$. The overall height is dimensioned as 10.46 with a tolerance of $^{+0.51}_{0}$. The width of the central rectangular area is dimensioned as 27.25 with a tolerance of $^{0.76}_{0}$. The drawing includes dashed lines indicating the center of the circular features and the overall dimensions.

Printed: Sep 28, 2016

Amphenol
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FIRST ANGLE PROJECTION

B

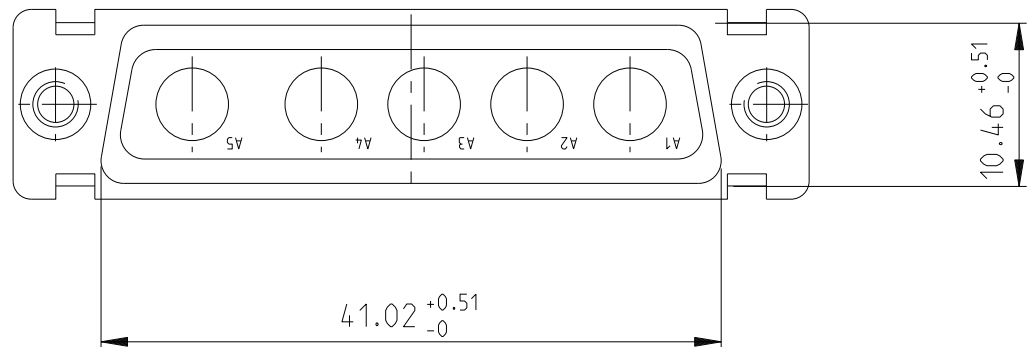
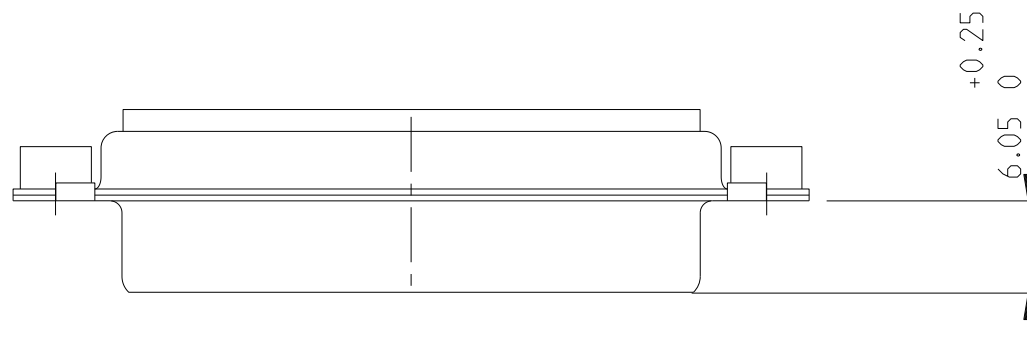
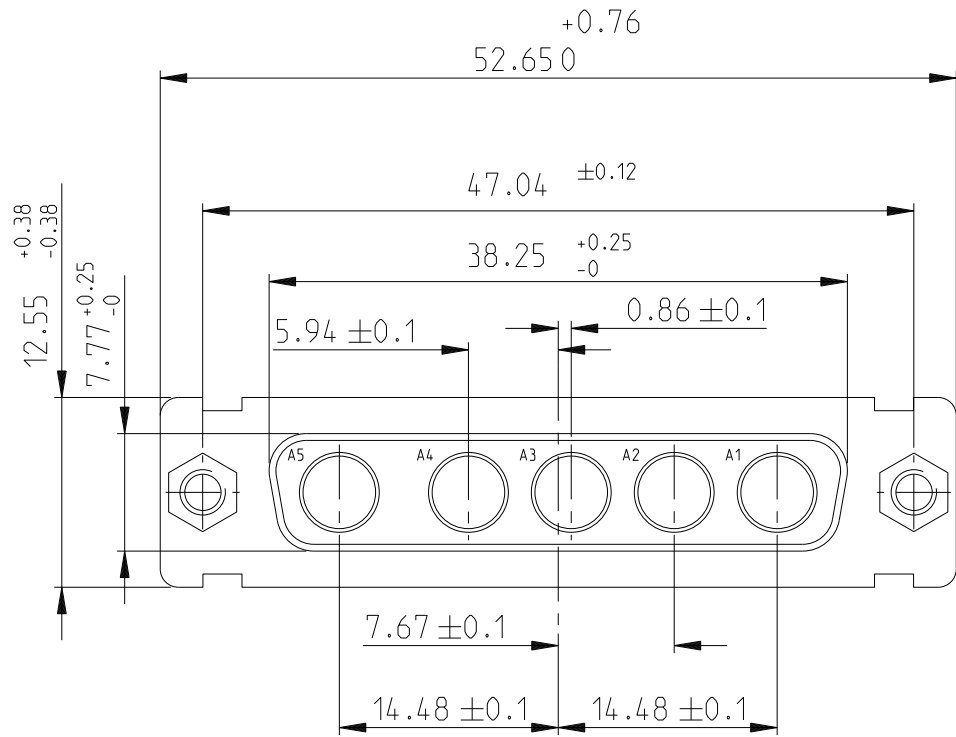
C

D

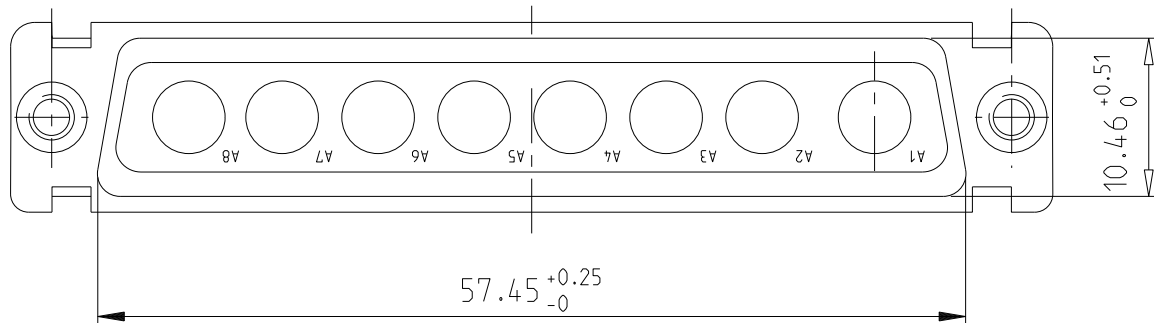
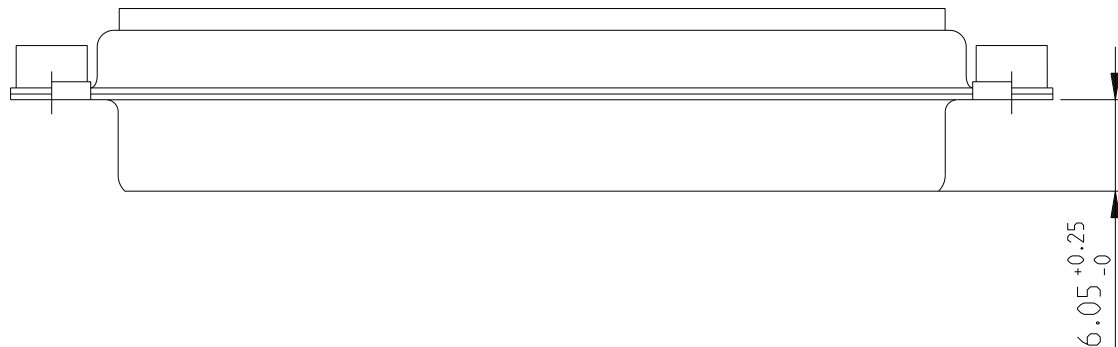
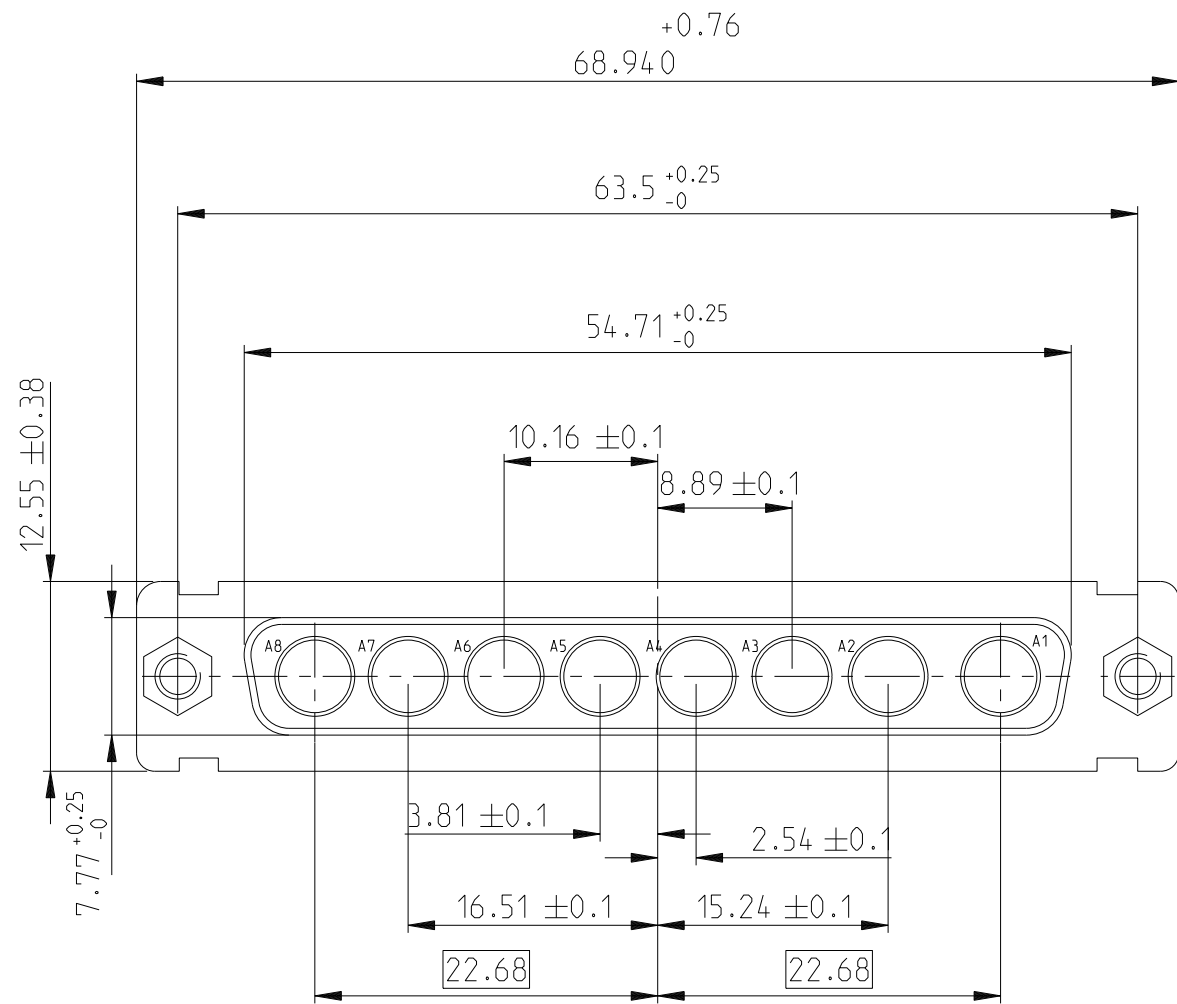
E

F

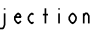
5W 5



8W 8



spec ref			
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED		
surface	linear	0.X ±0.3	0.XX ±0.10
		0.XXX ±0.05	
	angular	0°	±2°

dr	Pro Engineer 1	2015/06/16			size	A2	scale	2:1
eng	J Dalibard	2016/09/13			ecn no	ECN-ELX-F-24942-1		
chr	J Dalibard	2016/09/19			rel level			Released
appr	Aymeric Soudy	2016/09/20	product family					
Amphenol FCI			SUB FEMALE DW		dwg no		C01-8639-2311	
			full power without contact				rev	
			cat. no.		-		Product - Customer Drw	
							sheet 4 of 4	

PDS: Rev :E

STATUS:Released

Printed: Sep 28, 2016

FIRST ANGLE PROJECTION

A

B

C

D

E

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Amphenol:

[DAL3W3SA00LF](#) [DAO3W3SA00LF](#) [DAV3W3SA00LF](#) [DBV13W3SA00LF](#) [DCO8W8SA00LF](#) [DCV8W8SA00LF](#)
[DAO3V3SA00LF](#) [DBL5W5SA00LF](#) [DCL8W8SA00LF](#) [DBO5W5SA00LF](#) [DEL2V2SA00LF](#) [DEO2V2SA00LF](#)
[DAL3V3SA00LF](#)