

REFERENCE SPECIFICATIONS

-NFC 93425 (in compliance with HE 507)

PHYSICAL CHARACTERISTICS

-INSULATOR MATERIAL: THERMOPLASTIC UL94 V-0

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

-SHELLS: STEEL,
cadmium plated yellow passivation

ELECTRICAL CHARACTERISTICS

-CONTACT/CONTACT : $\geq 1000 \text{ V}$

-CONTACT/GROUND : $\geq 1200 \text{ V}$

-INSULATION RESISTANCE: >=5000 MOhms

ENVIRONMENTAL CHARACTERISTICS

- CLIMATIC CATEGORY: 55/125/56
TEMPERATURE RANGE -55°C TO +125°C
DAMP HEAT STEADY STATE 56 DAYS
SALT SPRAY 48 HOURS

Series

DBMF5W5SN

Shell size: **E A B C**
see sheet 2

Front accessory definition
see sheet 2

Blank :without accessory

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L      :threaded insert M3
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0 :threaded insert UNC 4-40
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V :female screw UNC 4-40

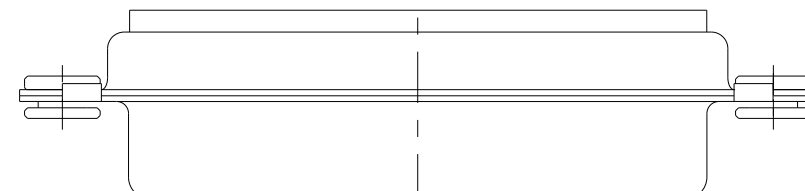
I :female screw M3

F :floating mounting

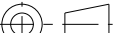
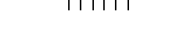
Contacts ← (see sheet 3)

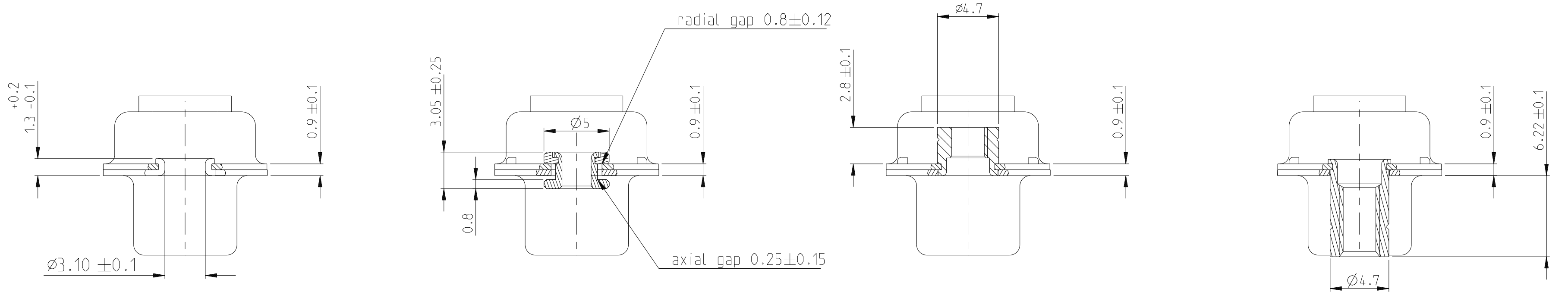
s :Socket

N :mandatory indication for HE 507 series



rev	ecrn no	dr	date
A	LS06-0174	MPE	2006/11/14
B	LS07-0273	MPE	2007/10/30
C	F10-0072	LSA	2010/07/20
-	-	-	-
-	-	-	-
-	-	-	-
-	- C	-	-

www.fciconnect.com			surface ISO 1302		tolerance std ISO 406 ISO 1101		projection 		mm 	
			TOLERANCES UNLESS OTHERWISE SPECIFIED							
Dr	Pro Engineer 1	2015/06/14	ANGULAR	LINEAR	0.X	±0.3	size A2	Scale 2:1		
Eng	Marty Glass	2015/06/16			0.XX	±0.1				
Chr	-	-	0°	±2°	0.XXX	±0.05	ECN	-		
Appr	-	-	Product family			-	Spec ref		Released	
			title SUB FEMALE DMW full power without contact			dwg no C01-8637-1731C			Rev. C	
catalog no			-Product - Customer Draw			sheet 1 of 4				



FRONT ACCESSORY	Blank without	F Floating mounting	L O insert M3 insert UNC 4.40	V I Female screw UNC 4.40 Female screw M3
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PART NUMBER	FRONT ACCESSORY
D*M*W*SN	without
D*ML*W*SN	insert M3
D*MO*W*SN	insert UNC 4-40
D*MV*W*SN	female screw UNC 4-40
D*MI*W*SN	female screw M3
D*MF*W*SN	floating mounting

shell size	LAYOUTS
*	xW x
E	2V2
A	3V3
A	3W3
B	5W5
C	8W8

SCALE: 4

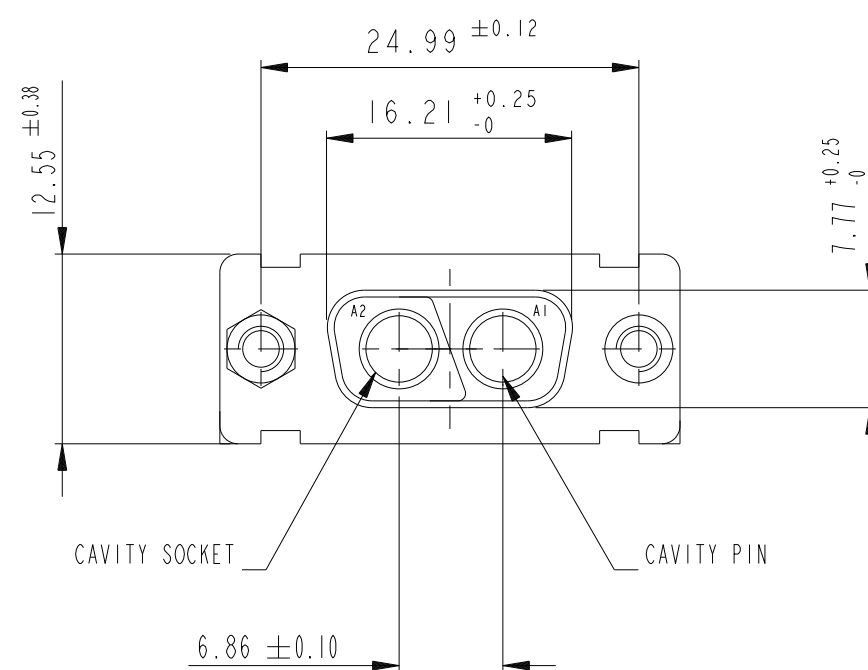
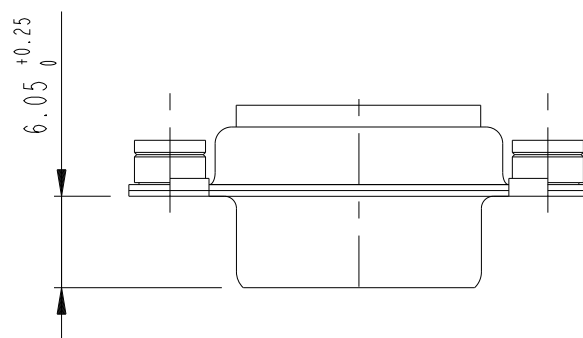
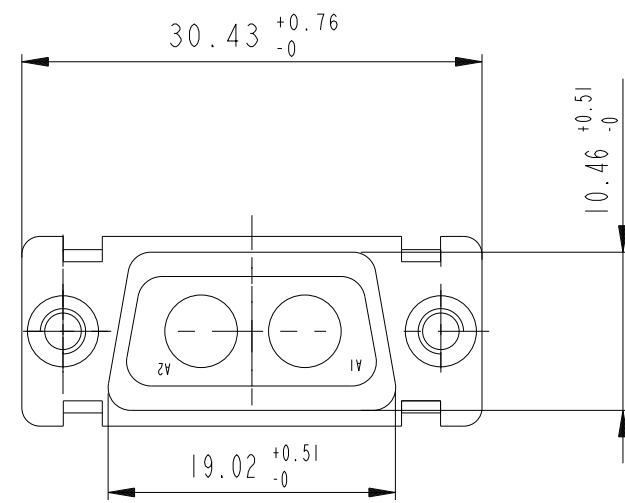
www.fciconnect.com			surface - tolerance std		projection		mm	
			ISO 1302		ISO 406 ISO 1101			
			TOLERANCES UNLESS OTHERWISE SPECIFIED					
Dr	Pro Engineer 1	2015/06/14	ANGULAR	LINEAR	0.X ±0.3		size	Scale
Eng	Marty Glass	2015/06/16			0.XX ±0.1		A2	4:1
Chr	-	-			0.XXX ±0.05			
Appr	-	-	0° ±2°		ECN		-	
			Product family		-		Spec ref	Released
			Title SUB FEMALE DMW			dwg no C01-8637-1731C		Rev.
			full power without contact					C
catalog no			- Product - Customer Draw sheet 2 of 4					

PDS: Rev :C

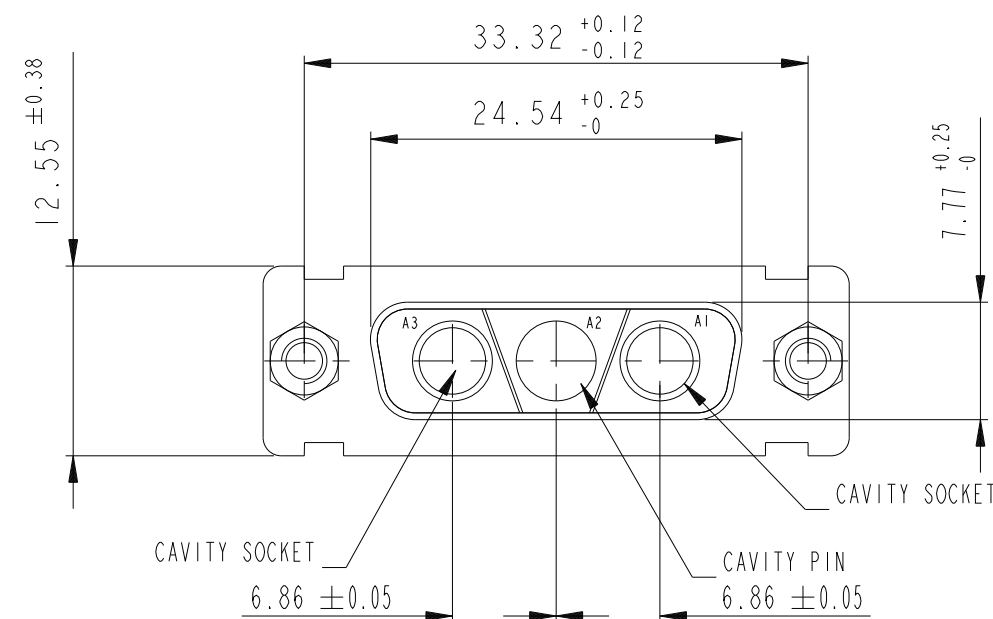
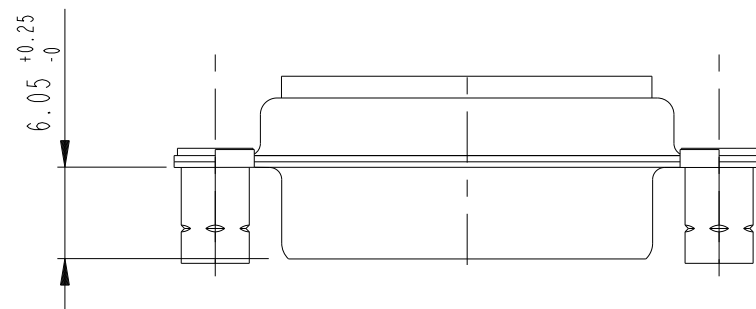
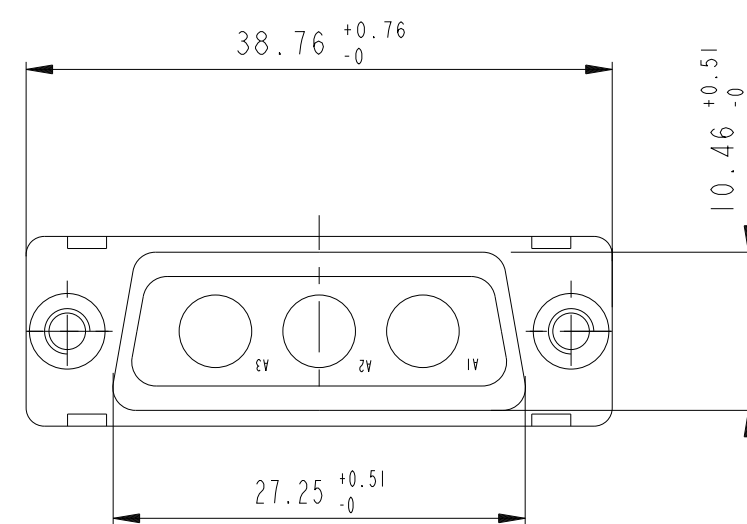
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Printed: May 25, 2022

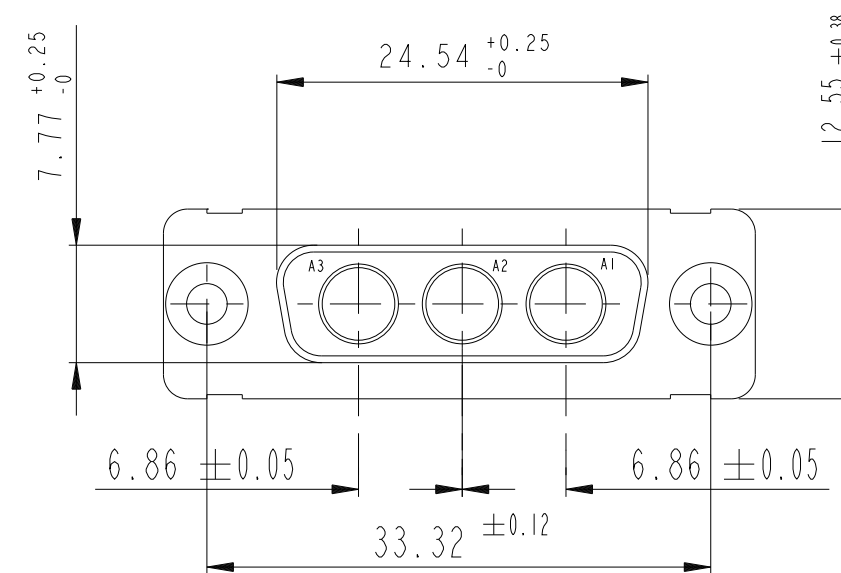
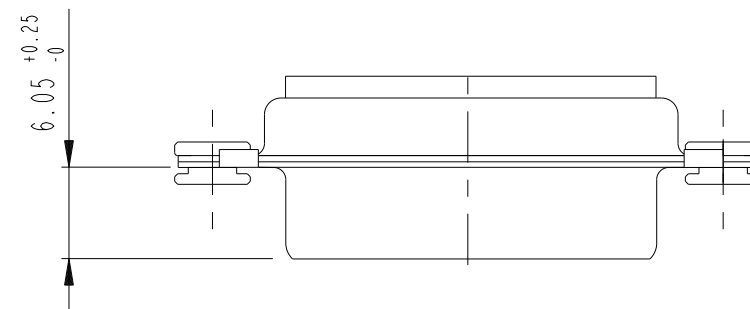
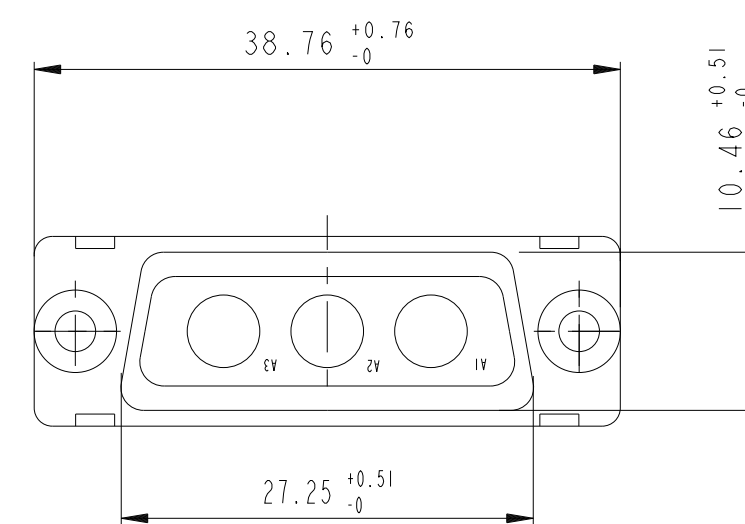
2V2



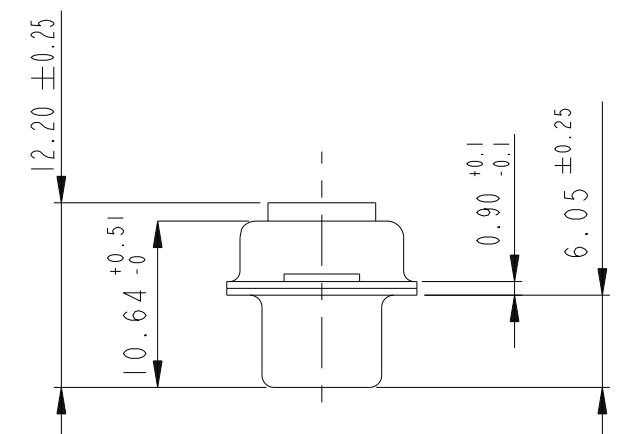
3V3

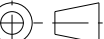


3W3



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	Pro Engineer 1	2015/06/14	ANGULAR	LINEAR	0.X ±0.3		size A2	Scale 2:1		
Eng	Marty Glass	2015/06/16			0.XX ±0.1					
Chr	-	-			0° ±2° 0.XXX ±0.05					
Appr	-	-	Product family			-	Spec ref		Released	
			title SUB FEMALE DMW full power without contact			dwg no C01-8637-1731C			Rev. C	
			catalog no			-Product - Customer Drw			sheet 3 of 4	

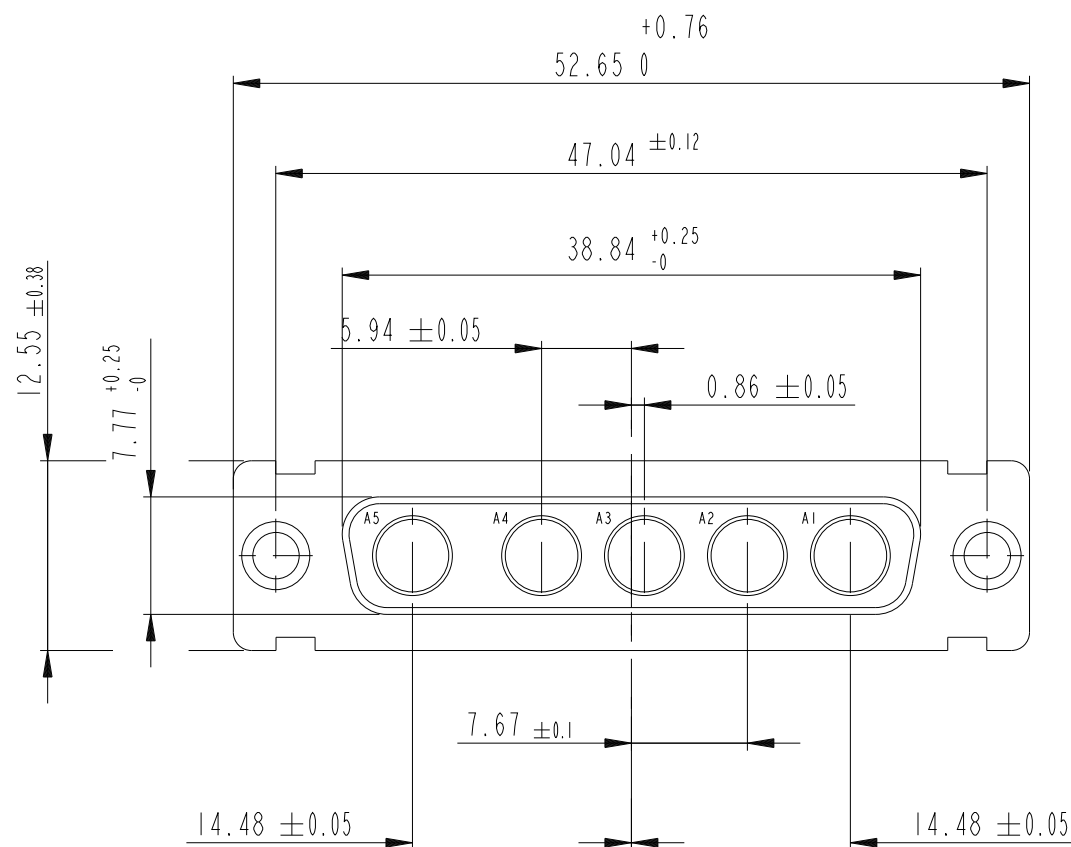
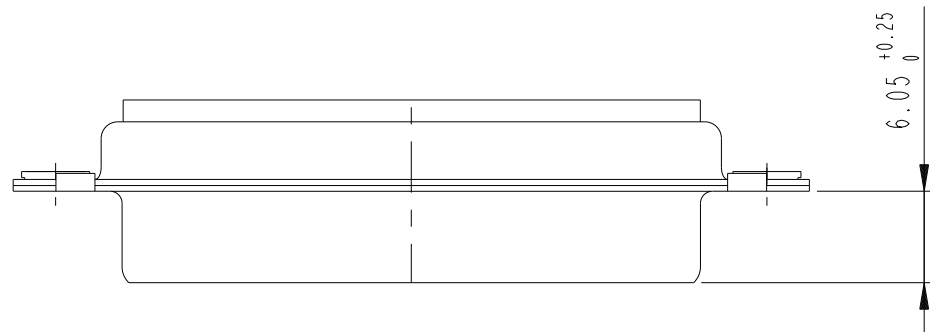
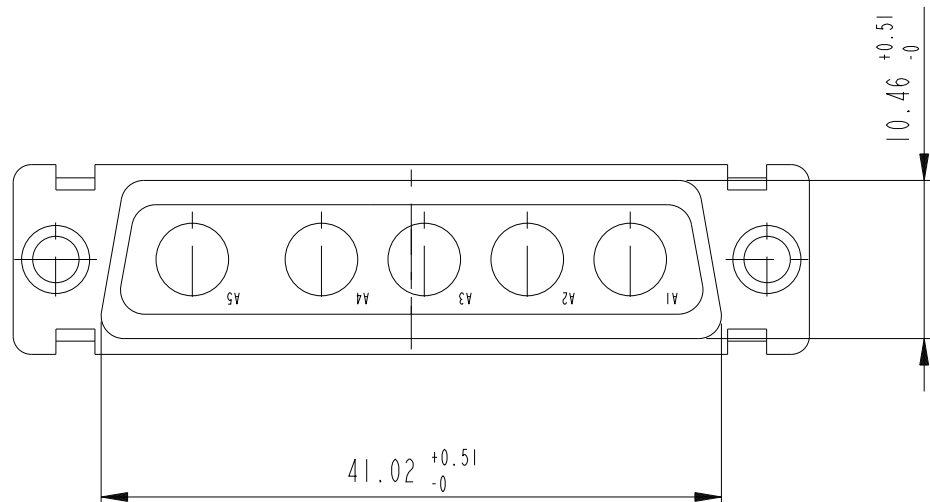
PDS: Rev :C

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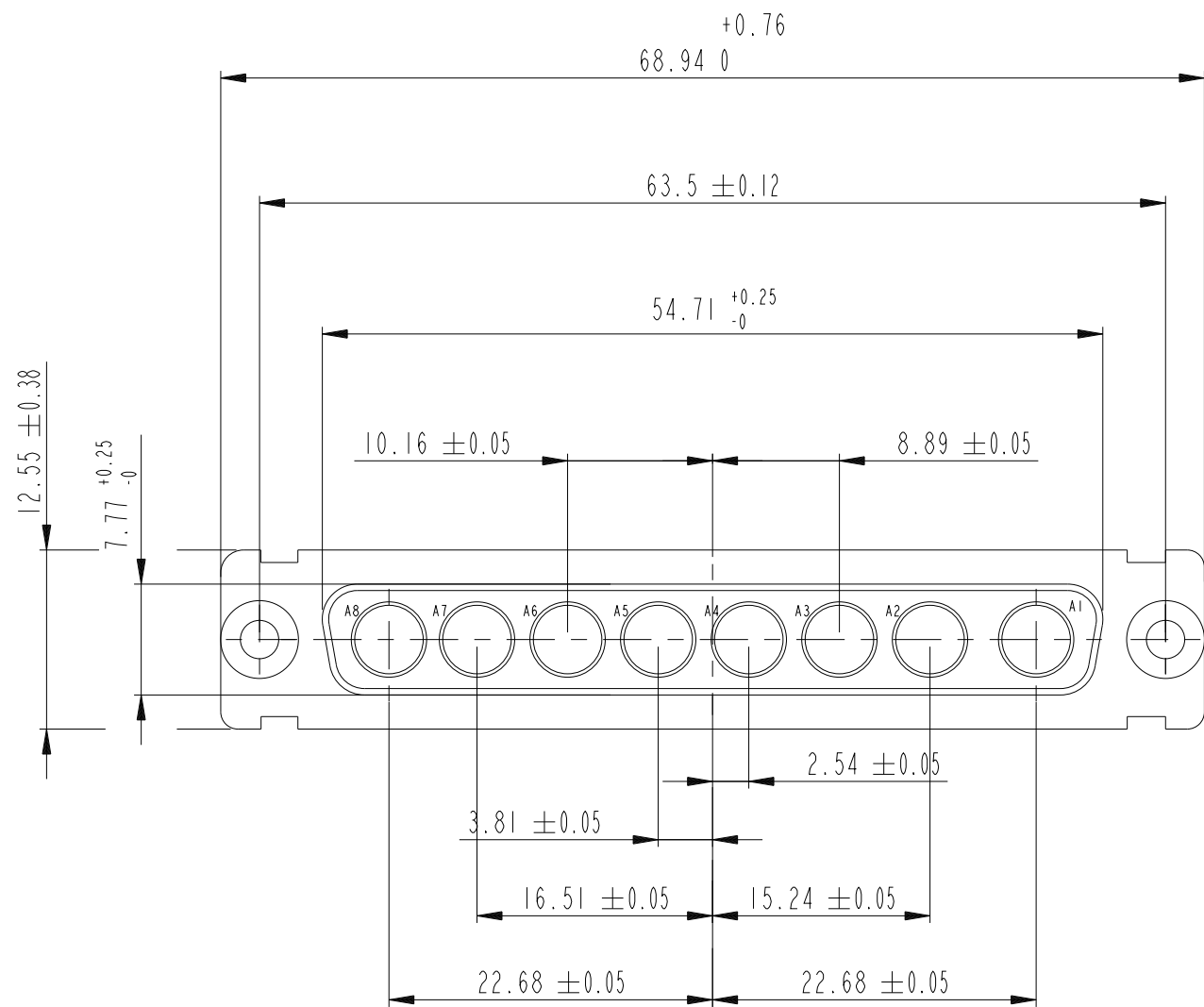
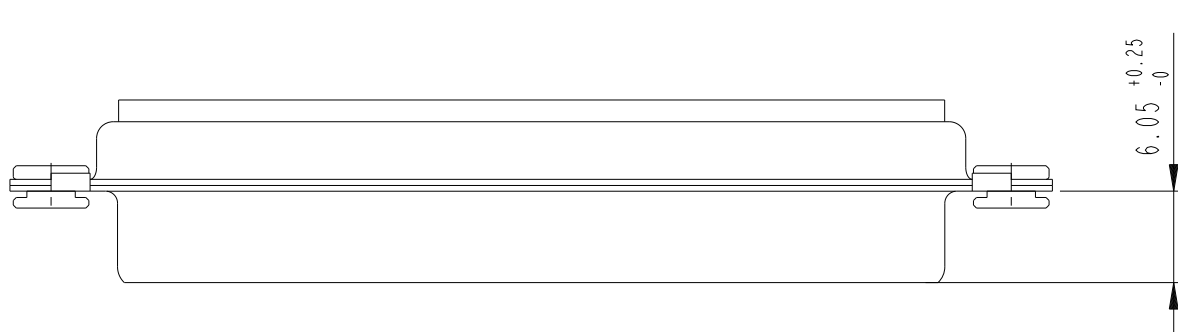
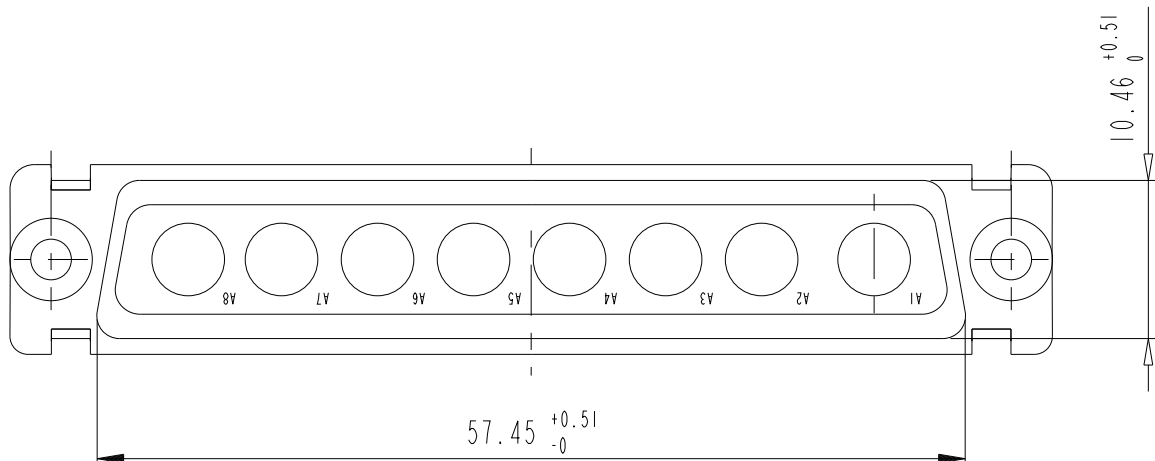
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A
B
C
D
E
F

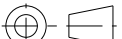
5W5



8W8



C

www.fciconnect.com			surface ISO 1302		- ✓	tolerance std ISO 406 ISO 1101		projection 		mm 		
			TOLERANCES UNLESS OTHERWISE SPECIFIED									
Dr	Pro Engineer 1	2015/06/14	ANGULAR		LINEAR		0.X		±0.3		size A2	Scale 2:1
Eng	Marty Glass	2015/06/16					0.XX		±0.1			
Chr	-	-	0°		±2°		0.XXX		±0.05		ECN -	
Appr	-	-	Product family						-	Spec ref Released		
		title	SUB FEMALE DMW						dwg no	C01-8637-1731C		Rev. C
			full power without contact									
		catalog no	- Product - Customer Draw sheet 4 of 4									

A
B
C
D
E
F