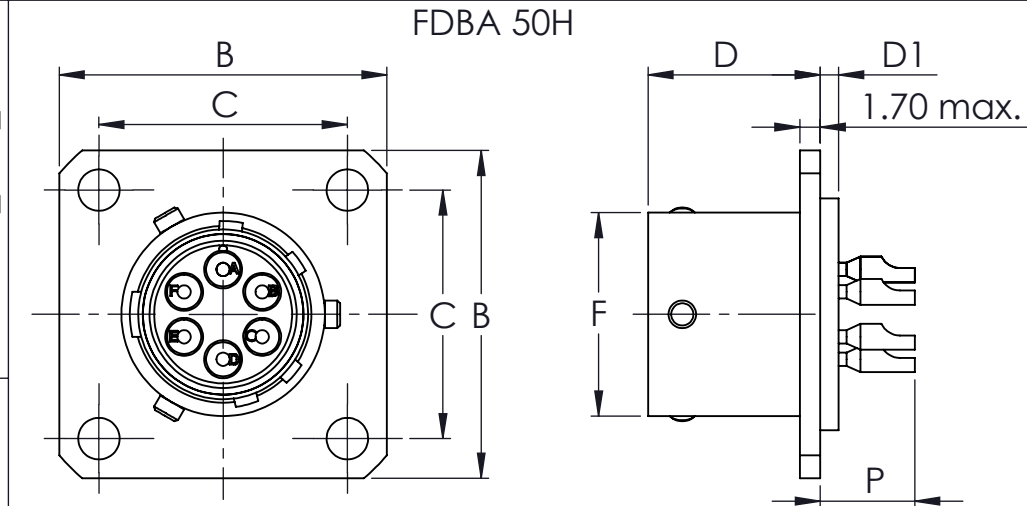
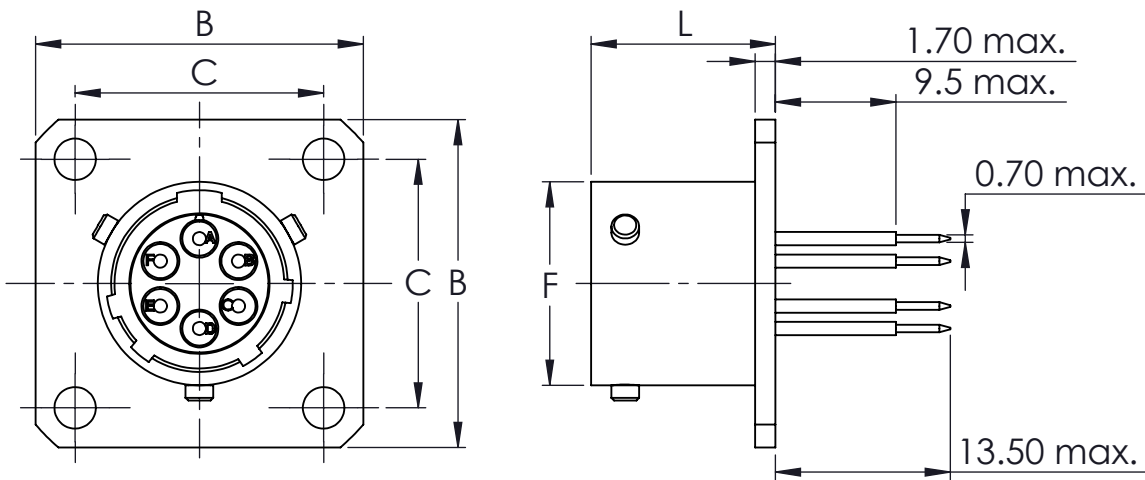


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DWG NO
FDBA_XXH_++

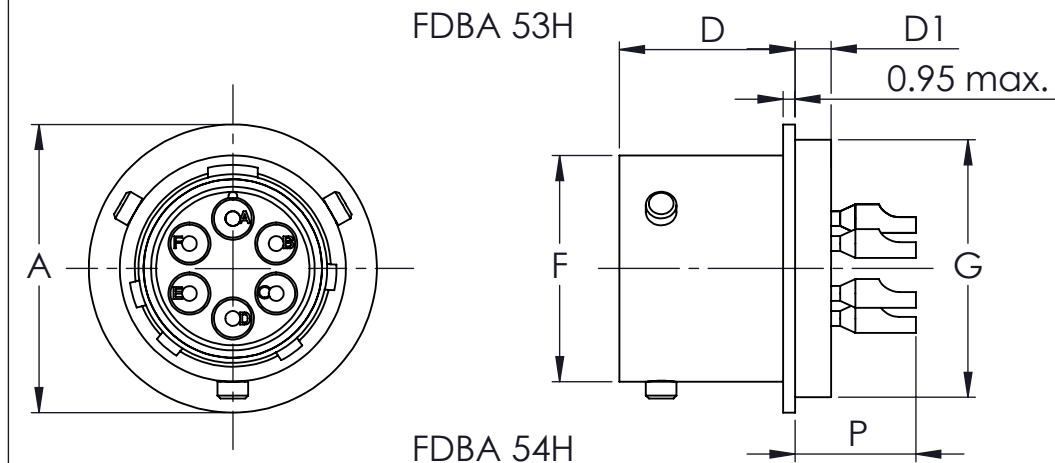


For printed circuit boards
FDBA 50H-**-A276A



FDBA 50H & FDBA 50H-**-A276A

Size Taille	B max.	C ±0.1	D ±0.15	D1 max.	F max.	L max.	P max. Sizes/Tailles 20 16	
08	21.00	15.08	12.65	1.55	12.03	13.75	6.85	8.95
10	24.25	18.26	12.65	1.55	15.01	13.75	6.85	8.95
12	26.60	20.62	12.65	1.55	19.07	13.75	6.85	8.95
14	29.00	23.02	12.65	1.55	22.24	13.75	6.85	8.95
16	31.30	24.58	12.65	1.55	25.42	13.75	6.85	8.95
18	33.70	26.98	12.65	1.55	28.60	13.75	6.85	8.95
20	36.85	29.36	14.09	2.25	31.77	15.35	7.10	9.20
22	39.95	31.76	14.09	2.25	34.94	15.35	7.10	9.20
24	43.15	34.92	14.93	2.25	38.12	15.35	6.25	8.35



FDBA 53H

Size Taille	A max.	D ±0.5	D1 max.	F max.	G max.	P max. Sizes/Tailles 20 16	
08	16.10	11.50	2.60	12.03	14.35	7.95	10.00
10	19.25	11.50	2.60	15.01	17.15	7.95	10.00
12	21.65	11.50	2.60	19.07	19.90	7.95	10.00
14	24.85	11.50	2.60	22.24	23.10	7.95	10.00
16	28.00	11.50	2.60	25.42	26.25	7.95	10.00
18	31.15	11.50	2.60	28.60	29.45	7.95	10.00
20	33.55	13.11	3.35	31.77	31.80	8.20	10.30
22	36.70	13.11	3.35	34.94	35.00	8.20	10.30
24	39.90	13.95	3.35	38.12	38.15	7.35	9.50

Example of order : FDBA X X H XX - XX X X - K XXXX

CONNECTOR TYPE
Standard and Hermetic

VERSION
5 - Standard
6 - Stainless steel Nickel Plating
7 - Passivated Stainless steel

SHELL TYPE
0 Square Flange Receptacle
3 Solder Receptacle
4 Jam-nut Mounting Receptacle
8 Large Square Flange

VERSION
H - Hermetic

SHELL SIZE
08-10-12-14-16-18-20-22-24

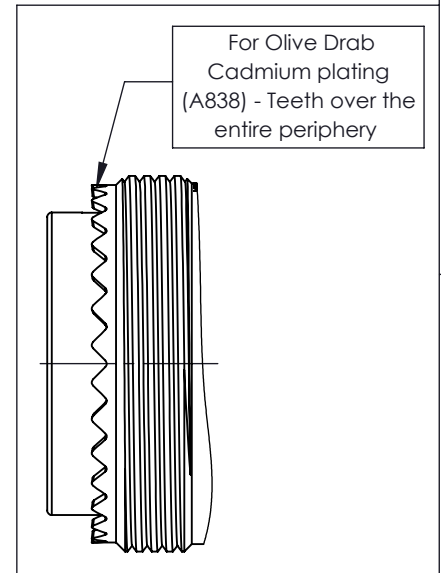
ARRANGEMENTS
As per EN3646

CONTACT TYPE
P Male Contact
S Female Contact

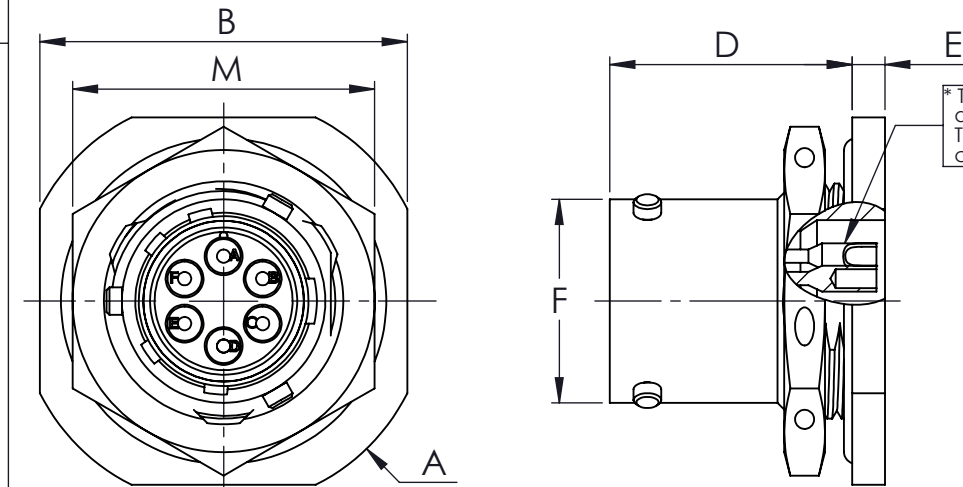
INSERT CLOCKING POSITION
N Normal
W-X-Y-Z Others

INDEX
Connector Evolution

SPECIAL MODIFICATIONS
059 Straight Cable Clamp
081 Elbowed Cable Clamp
090 Delivery without contact
A246 Size 20 contact in accordance with ASNE
A499 Nickel version connector
A838 Olive drab cadmium
B246 Hybrid arrangement size 20 & 16 in accordance with ASNE
A377 PC tail connector

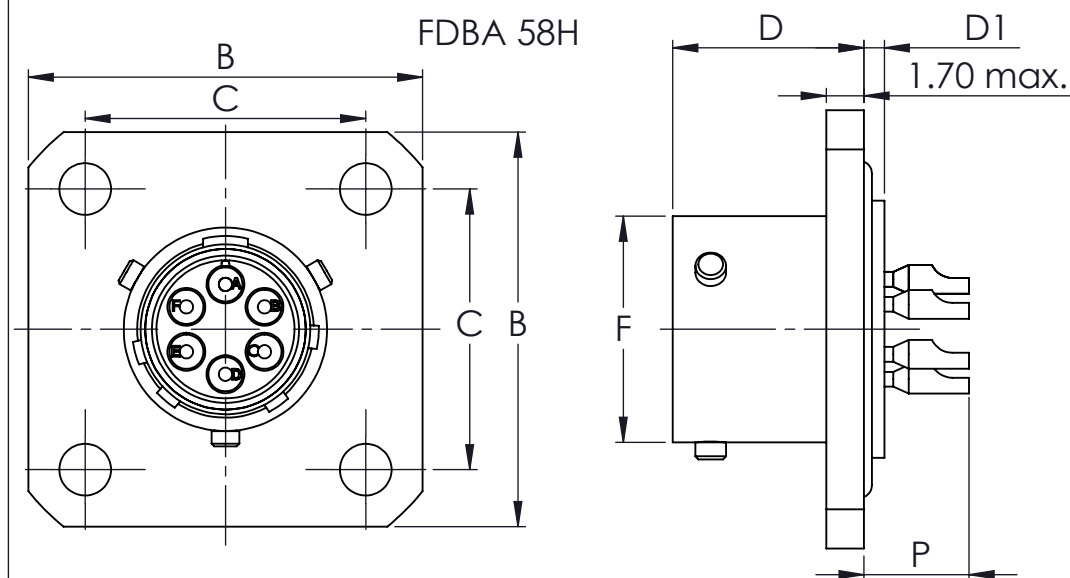


For Olive Drab
Cadmium plating
(A838) - Teeth over the
entire periphery



FDBA 54H

Size Taille	A max.	B max.	D ±0.15	E max.	F max.	M max.
08	27.30	24.00	17.81	2.50	12.03	19.20
10	30.50	27.20	17.81	2.50	15.01	22.37
12	35.30	32.00	17.81	2.50	19.07	27.12
14	38.40	35.10	17.81	2.50	22.24	30.30
16	41.60	38.30	17.81	2.50	25.42	33.47
18	44.80	41.50	17.81	2.50	28.60	36.67
20	49.60	46.20	22.58	3.30	31.77	39.82
22	52.70	49.40	22.58	3.30	34.94	43.02
24	55.90	52.60	23.67	3.30	38.12	46.17



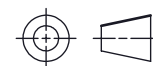
FDBA 58H

Size Taille	B max.	C ±0.1	D ±0.15	D1 max.	F max.	P max. Sizes/Tailles 20 16	
08	26.50	18.10	12.65	1.55	12.03	6.85	8.95
10	29.10	20.62	12.65	1.55	15.01	6.85	8.95
12	32.25	23.82	12.65	1.55	19.07	6.85	8.95
14	34.65	26.18	12.65	1.55	22.24	6.85	8.95
16	37.00	28.57	12.65	1.55	25.42	6.85	8.95
18	39.05	30.55	12.65	1.55	28.60	6.85	8.95
20	43.00	32.94	14.09	2.25	31.77	7.10	9.20
22	44.95	34.92	14.09	2.25	34.94	7.10	9.20
24	48.15	38.10	14.93	2.25	38.12	6.25	8.35

CHARACTERISTIQUES

1. Shell material : Stainless steel
2. Insert material : Sintered glass insert
3. Plating : Nickel
4. Service Temperature : -55°C to + 200°C
5. Service Voltage : 500 V eff. 50 Hz

DIMENSIONS:
MM



ANGLES ±°

SURFACE TEXTURE

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

0 PLC	±°
1 PLC	±-0.05
2 PLC	±-0.05
3 PLC	±-0.02
4 PLC	±°

DWN
LAKSHMI SUDHA R

CHK
RAKESH S

APVD
VINCENT P

NAME

FDBA SERIES CONNECTOR (HERMETIC)

SCALE

2:1

SIZE

A3

DRAWING NO

FDBA_XXH_++

MATERIAL

-

HEAT TREAT

-

TE

TE Connectivity

SHEET

1 OF 1

REV

A

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