

HOW TO ORDER FDBA/HDBA SERIES CONNECTORS

1	2	3	4	5	6	7	8
FDBA	5	0-	14-19	P	N	-K	059
SERIES PREFIX	FINISH	SHELL TYPE	LAYOUT	CONTACT	ROTATION	OBLIGATORY LETTER	MODIFIER

Example: FDBA 50-14-19 PN-K 059

STEP 1: SELECT SERIES PREFIX

FDBA = Standard Aluminum & Hermetic

HDBA = Aluminum Hermetic

STEP 2: SELECT FINISH / MATERIAL

5 = Black Anodized (RoHS)
Default, see Modifiers for alternate platings

6 = Stainless Steel/Nickel (RoHS)

7 = Stainless Steel/Passivated (RoHS)

STEP 3: SELECT SHELL TYPE

RECEPTACLES

Mates with

PLUGS



0
Flanged Receptacle



6
Standard Plug



4
Jam Nut Receptacle



7
Shielded Plug

Other Shells available
Solder Mount Receptacle (Hermetic)
Large Flange Receptacle (Hermetic)
Please contact us.

STEP 4: SELECT LAYOUT (LISTED BY SIZE)

LAYOUT	SERVICE RATING	TOTAL	20	16	12	8 OR COAX	ROTATIONS			
							W	X	Y	Z
8-98	I	3	3				60	210		
8-33	I	3	3				90			
8-3A	I	3	3				60			
8-E1*	Quadrax	1				1				
10-6	I	6	6				90			
12-3	II	3		3					180	
12-8	I	8	8				90	112	203	292
12-10	I	10	10				60	155	270	295
14-4	I	4			4		45			
14-5	II	5		5			40	92	184	273
14-12	I	12	8	4			43	90		
14-15	I	15	14	1			17	110	155	234
14-19	I	19	19				30	165	315	
16-8	II	8		8			54	152	180	331
16-21	I	21	16	5						
16-26	I	26	26				60	105	275	338
18-11	II	11		11			62	119	241	340
18-32	I	32	32				85	138	222	265
18-918		18	16			2				
20-16	II	16		16			238	318	333	347
20-39	I	39	37	2			63	144	252	333
20-41	I	41	41				45	126	225	
22-12	I	12			12					
22-21	II	21		21			16	135	175	349
22-32	I	32	32				72	145	215	288
22-41	I	41	27	14			39	135	264	
22-55	I	55	55				30	142	226	314
24-19	II	19			19		30	165	315	
24-31	I	31		31			90	225		
24-37	I	37		37			25	50	75	
24-53	I	53	51			2				
24-61	I	61	61				90	180	270	324

* To be used with contacts like quadrax, triax, coax, twinax and fiber optic. Power contact is not used due to shell size. Quadrax is supplied for cable type ABS 1503 KD24.

STEP 5: SELECT CONTACT

P = Pin

S = Socket

STEP 6: SELECT ROTATION

See table above, N for Normal

STEP 7: INSERT OBLIGATORY LETTER

K

STEP 8: SELECT MODIFIER

- 059** = Straight Cable Clamp
- 081** = Right Angle Cable Clamp
- 090** = Less Contacts

- A246** = Size 20 contact in accordance with ASNE (Used with the 5 Finish Code in Step 2)
- A499** = Aluminum Shell, Nickel Plated (RoHS) (Used with the 5 Finish Code in Step 2)
- A838** = Aluminium Shell, Olive Drab Cadmium

LAYOUTS BY SHELL SIZE

○ 20 ● 16 ◐ 12

LAYOUT	8-98	8-33	8-3A	8-E1	10-6	12-3	12-8	12-10	14-4
# OF CONTACTS	3-#20	3-#20	3-#20	1-#8	6-#20	3-#16	8-#20	10-#20	4-#12
SERVICE RATING	I	I	I	Quadrax	I	II	I	I	I

LAYOUT	14-5	14-12	14-15	14-19	16-8	16-21	16-26
# OF CONTACTS	5-#16	8-#20, 4-#16	14-#20, 1-#16	19-#20	8-#16	16-#20, 5-#16	26-#20
SERVICE RATING	II	I	I	I	II	I	I

LAYOUT	18-11	18-32	20-16	20-39	20-41	22-12
# OF CONTACTS	11-#16	32-#20	16-#16	37-#20, 2-#16	41-#20	12-#12
SERVICE RATING	II	I	II	I	I	I

LAYOUT	22-21	22-41	22-55	24-19	24-31	24-61
# OF CONTACTS	21-#16	27-#20, 14-#16	55-#20	19-#12	31-#16	61-#20
SERVICE RATING	II	I	I	II	I	I