

Contact and Termination Tooling Data

BKA\* (LIF) Crimp Contacts

Contact Size and Part Numbers			Crimp Tooling					Insertion/Extraction Tooling			Wire Size			
Size	Part Numbers		Tool P/N		Selec-tor#	Locator P/N		MIL Spec.	ITT Cannon			AWG	Insul Dia. Max	Strip Length
	Pin	Socket	MIL Spec.	ITT Cannon		Mil Spec.	ITT Cannon		Insertion	Extraction	Ins./Ext.			
2222	Used in Plug 030-2259-000	Used in Recep. 031-1287-000	M22520 /2-01	995-0001- 584	3 3 4	M22520 /2-23	995-0002- 015	M81969 /1-01	CIT-DPXMA-22-1 Metal 070256-0000	CET-DPXMA-22 Metal 070317-0000	980-0004-804 Metal Tip	26 24 22	.054 (1.4)	.130/.110 (3.3)/(2.8)
2020HD	Used in Recep 030-2273-000	Used in Plug 031-1302-000	M22520 /2-01	995-0001- 584	6 7	M22520 /2-08	995-0001- 604	M81969 /1-02	-	-	980-0004-805 Metal Tip	22 20	.071 (1.8)	.167/.147 (4.2)/(3.7)
1616	Used in Recep 030-2280-000	Used in Plug 031-1303-000	M22520 /1-01	995-0001- 585	4 5 6	M22520 /1-02	995-0001- 736	M81969 /1-03	-	CET 16-9 Plastic	980-0004-806 Metal Tip	20 18 16	.103 (2.6)	.207/.230 (6.9)/(5.8)
1212	Used in Recep 030-2286-000	Used in Plug 031-1308-000	M22520 /1-01	995-0001- 585	7 8	M22520 /1-11	995-0002- 027	M81969 /14-04	-	CET 12-4 Plastic	CIET-12 Plastic	14 12	.135 (3.4)	.270/.230 (6.9)/(5.8)

BKA\* Thermocouple Contacts

Contact Size and Part Numbers			Crimp Tooling					Insertion/Extraction Tooling			Wire Size			
Size	Part Number		Tool P/N		Selec-tor#	Locator P/N		MIL Spec.	ITT Cannon			AWG	Insul Dia. Max	Strip Length
	Pin	Socket	MIL Spec.	ITT Cannon		Mil Spec.	ITT Cannon		Insertion	Extraction	Ins./Ext.			
2222 Alumel	Used in Plug 030-1975-009	Used in Recep. 031-1113-009	M22520 /2-01	995-0001 584	3	M22520 /2-23	995-0002- 015	M81969 /1-01	CIT-DPXMA-22-1 Metal 070256-0000	CET-DPXMA-22 Metal 070317-0000	980-0004-804 Metal Tip	26 24 22	.054 (1.4)	.130/.110 (3.3)/(2.8)
2222 Chromel	Used in Plug 030-1975-010	Used in Recep. 031-1113-010			4									

BKAF-ARINC 600 Size 22 Wrap Post Socket Contacts With .025(6.35) Square Wire-Wrappable Tails-Receptacle Only.

The new low insertion force, front-insertable, front-removable #22 socket contacts with .025(6.35) square wire wrappable tails are now available for use in the BKAF non-environmental receptacle version only. These contacts can be sold separately or they can be supplied with a connector (see How to Order). Use part numbers shown in the table on the right when ordering separately.

Contact Mod.	Part Number	Number of Wraps	Min. Post Extension	Extraction Tool
WA	031-1351-000	1	.250 (6.35)	CET-22F 317-1798-001
WB	031-1351-001	2	.375 (9.52)	
WC	031-1351-002	3	.500 (12.70)	
WD	031-1351-003	3	.641 (16.28)	

BKAF Printed Circuit Solder Post Socket Contacts Size 22 with .025(6.35) Dia. Printed Circuit Tails-Receptacle Only.

The new low insertion force, front-insertable, front-removable #22 socket contacts with .025(6.35) dia., PC tails are now available for use in the BKAF non-environmental receptacle version only. These contacts can be sold separately or they can be supplied with a connector (see How to Order). Use part numbers shown in the table on the right when ordering separately.

Contact Mod.	Part Number	Min. Post Extension	Extraction Tool
SA	031-1352-000	.150 (3.81)	CET-BKAF 22S
SB	031-1352-001	.250 (6.35)	
SC	031-1351-002	.375 (9.52)	
SD	031-1352-003	.500 (12.70)	

BKAD/F Solder Post, Power Pin Contacts (Captive)-Receptacle Only.

Contacts are captivated between two unbonded insulator halves.

Contact Size	Part Number	Post Dia.	Min. Post Extension*
2D HD	030-2358-000	.032 (0.81)	.150 (3.81)
16	030-2357-000	.050 (1.27)	.150 (3.81)
12	030-2356-000	.081 (2.06)	.150 (3.81)

\*Consult factory for other available lengths

BKAF Solder Post Pin Contact Front Release

Contact Size	Part Number	Post Dia.	Min. Post Extension	Extraction Tool
20HD	030-3287-000	.030 (0.76)	.300* (7.62)	317-1798-000
16HD	030-3287-001	.050 (1.27)	.300* (7.62)	317-1798-002
12HD	030-3287-002	.081 (2.06)	.300* (7.62)	317-1798-002

\*Applies to BKAF 13W2 and 5W2 inserts only

Front Release Pin Contacts Size 20 and 16

Contact Size	Part Number	PC Tail Dia.	Min. Post Extension
20	030-3296-001	.034 (0.86)/.030 (0.76)	.260 (6.60)
20	030-3296-002	.034 (0.86)/.030 (0.76)	.385 (9.78)
16	030-3297-001	.052 (1.32)/.048 (1.22)	.260 (6.60)
16	030-3297-002	.052 (1.32)/.048 (1.22)	.385 (9.78)
16	030-3297-005	.052 (1.32)/.048 (1.22)	.300 (7.62)
20	030-3296-004	.034 (0.86)/.030 (0.76)	.300 (7.62)

Dimensions shown in inch (mm)

Specifications and dimensions subject to change

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