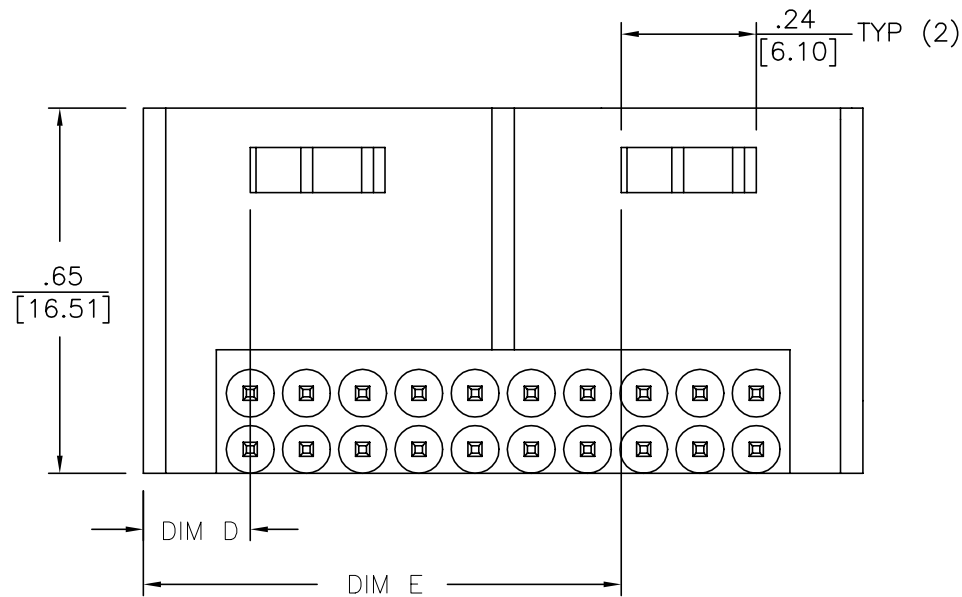


Copyright FCI
FCIconnect.com

PRODUCT NUMBER

SEE TABLE



NOTES:

1. TERMINAL MAT'L: 3/4 HARD PHOS. BRONZE ALLOY UNS-C51000.
2. PLATING; (1) 0.76 μ /30 μ " A μ OR GTX OVER 1.27 μ /50 μ " Ni.
(2) 0.76 μ /30 μ " A μ OVER 1.27 μ /50 μ " Ni.
3. MOLDING MAT'L: GLASS FILLED POLYESTER. FLAME RETARDANT PER UL94V-0. COLOR BLACK
4. .02/0.51 MAX FLASH AROUND ALL WINDOWS.
5. FCI LOGO MOLDED IN ON DATUM SURFACE -Z- APPROXIMATELY AS SHOWN.
6. .03/.76 MAX FLASH PERMISSIBLE ON PINS BOTH ENDS.
7. OTHER PLATINGS ARE AVAILABLE ON 68420, 68646 AND 68647.
8. ADD "LF" AT THE END OF PART NUMBER FOR LEAD FREE OPTION.
9. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATION AS DESCRIBED IN GS-22-008
10. THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 15 SECONDS IN A WAVE SOLDER APPLICATION WITH A 1.5mm MINIMUM THICK CIRCUIT BOARD. SEE APPLICATION NOTES/PROCEDURES IF THEY ARE AVAILABLE.

mat'l. code		surface ISO 1302 <input checked="" type="checkbox"/>		tolerance ISO 406 ISO 1101		projection 		product family HEADERS	
ltr		ecn no		dr		date		title	
E								RIGHT ANGLE HEADER FOR FLAT CABLE RECEPTACLE	
				tolerances unless otherwise specified		linear		INCH/MM	
				angles		0°±2°		scale 8:1	
				dr		COPENHEAVED 7/10/84		dwg no	
				enrg		P.M. SMITH 4/10/85		sheet 2 of 4	
				chr		-		size	
				appd		CA WILLIAMS 4/12/85		68645	
								type	
								Product Customer Drawing	
sheet index		revision sheet							

PRODUCT No. NOTE 9,10	No. OF POS.	"A" SPACES	DIM B	DIM C	DIM D	DIM E	DIM F	PLATING CODE
68645-001	6	2	.200/5.080	.500/12.700	.150/3.810	————	.130/3.300	
-002	8	3	.300/7.620	.600/15.240	.150/3.810	————	.130/3.300	
-003	10	4	.400/10.160	.700/17.780	.250/6.350	————	.130/3.300	
-004	12	5	.500/12.700	.800/20.320	.250/6.350	————	.130/3.300	
-005	14	6	.600/15.240	.900/22.860	.350/8.890	————	.130/3.300	
-006	16	7	.700/17.780	1.000/25.400	.350/8.890	————	.130/3.300	
-007	18	8	.800/20.320	1.100/27.940	.450/11.430	————	.130/3.300	
-008	20	9	.900/22.860	1.200/30.480	.150/3.810	.850/21.590	.130/3.300	
-009	22	10	1.000/25.400	1.300/33.020	.150/3.810	.950/24.130	.130/3.300	
-010	24	11	1.100/27.940	1.400/35.560	.150/3.810	1.050/26.670	.130/3.300	
-011	26	12	1.200/30.480	1.500/38.100	.150/3.810	1.150/29.210	.130/3.300	
-012	28	13	1.300/33.020	1.600/40.640	.150/3.810	1.250/31.750	.130/3.300	
-013	30	14	1.400/35.560	1.700/43.180	.150/3.810	1.350/34.290	.130/3.300	
-014	32	15	1.500/38.100	1.800/45.720	.150/3.810	1.450/36.830	.130/3.300	
-015	34	16	1.600/40.640	1.900/48.260	.150/3.810	1.550/39.370	.130/3.300	
-016	36	17	1.700/43.180	2.000/50.800	.150/3.810	1.650/41.910	.130/3.300	
-017	38	18	1.800/45.720	2.100/53.340	.150/3.810	1.750/44.450	.130/3.300	
-018	40	19	1.900/48.260	2.200/55.880	.150/3.810	1.850/46.990	.130/3.300	
-019	42	20	2.000/50.800	2.300/58.420	.150/3.810	1.950/49.530	.130/3.300	
-020	44	21	2.100/53.340	2.400/60.960	.150/3.810	2.050/52.070	.130/3.300	
-021	46	22	2.200/55.880	2.500/63.500	.150/3.810	2.150/54.610	.130/3.300	
-022	48	23	2.300/58.420	2.600/66.040	.150/3.810	2.250/57.150	.130/3.300	
-023	50	24	2.400/60.960	2.700/68.580	.150/3.810	2.350/59.690	.130/3.300	
-024	52	25	2.500/63.500	2.800/71.120	.150/3.810	2.450/62.230	.130/3.300	
-025	54	26	2.600/66.040	2.900/73.660	.150/3.810	2.550/64.770	.130/3.300	
-026	56	27	2.700/68.580	3.000/76.200	.150/3.810	2.650/67.310	.130/3.300	
-027	58	28	2.800/71.120	3.100/78.740	.150/3.810	2.750/69.850	.130/3.300	
-028	60	29	2.900/73.660	3.200/81.280	.150/3.810	2.850/72.390	.130/3.300	
-029	62	30	3.000/76.200	3.300/83.820	.150/3.810	2.950/74.930	.130/3.300	
68645-030	64	31	3.100/78.740	3.400/86.360	.150/3.810	3.050/77.470	.130/3.300	

SEE NOTE 2
(1)

mat'l. code		surface ISO 1302 <input checked="" type="checkbox"/>		tolerance ISO 406 ISO 1101		projection 		product family HEADERS	
ltr	ecn no	dr	date	tolerances unless otherwise specified		INCH/MM		title	
E				angles	linear	scale 8:1		RIGHT ANGLE HEADER FOR FLAT CABLE RECEPTACLE	
				0°±2°				dwg no	
				dr	COPENHEAVED	7/10/84		sheet 3 of 4 size	
				engr	P.M. SMITH	4/10/85		68645 A3	
				chr	-	-		type	
				appd	CA WILLIAMS	4/12/85		Product Customer Drawing	
sheet index	revision sheet								



PRODUCT No. NOTE 9,10	No. OF POS.	"A" SPACES	DIM B	DIM C	DIM D	DIM E	DIM F	PLATING CODE
68645-031	66	32	3.200/81.280	3.500/88.900	.150/3.810	3.150/80.010	.130/3.300	SEE NOTE 2 (1)
-032	68	33	3.300/83.820	3.600/91.440	.150/3.810	3.250/82.550	.130/3.300	
-033	70	34	3.400/86.360	3.700/93.980	.150/3.810	3.350/85.090	.130/3.300	
-034	72	35	3.500/88.900	3.800/96.520	.150/3.810	3.450/87.630	.130/3.300	
-035	16	7	.700/17.780	1.000/25.400	.350/8.890	—————	.155/3.940	
-036	40	19	1.900/48.260	2.200/55.880	.150/3.810	1.850/46.990	.155/3.940	
-037	50	24	2.400/60.960	2.700/68.580	.150/3.810	2.350/59.690	.155/3.940	
68645-038	I N A C T I V E							
68645-039	10	4	.400/10.160	.700/17.780	.250/6.350	—————	.130/3.300	SEE NOTE 2 (2)
68645-040	14	6	.600/15.240	.900/22.860	.350/8.890	—————	.130/3.300	
68645-041	20	9	.900/22.860	1.200/30.480	.150/3.810	.850/21.590	.130/3.300	
68645-042	26	12	1.200/30.480	1.500/38.100	.150/3.810	1.150/29.210	.130/3.300	
68645-043	34	16	1.600/40.640	1.900/48.260	.150/3.810	1.550/39.370	.130/3.300	
68645-044	50	24	2.400/60.960	2.700/68.580	.150/3.810	2.350/59.690	.130/3.300	
68645-045	16	7	.700/17.780	1.000/25.400	.350/8.890	—————	.130/3.300	
68645-046	24	11	1.100/27.940	1.400/35.560	.150/3.810	1.050/26.670	.130/3.300	
68645-047	32	15	1.500/38.100	1.800/45.720	.150/3.810	1.450/36.830	.130/3.300	
68645-048	60	29	2.900/73.660	3.200/81.280	.150/3.810	2.850/72.390	.130/3.300	
68645-050	40	19	1.900/48.260	2.200/55.880	.150/3.810	1.850/46.990	.130/3.300	

mat'l. code		surface ISO 1302 <input checked="" type="checkbox"/>		tolerance ISO 406 ISO 1101		projection 		product family HEADERS	
ltr	ecn no	dr	date	tolerances unless otherwise specified		title			
E				angles	linear	INCH/MM		RIGHT ANGLE HEADER FOR FLAT CABLE RECEPTACLE	
				0°±2'		scale 8:1			
				dr	COPENHEAVED	7/10/84	dwg no		sheet 4 of 4 size
				engr	P.M. SMITH	4/10/85	68645		A3
				chr	-	-	type		Product Customer Drawing
				appd	CA WILLIAMS	4/12/85			
sheet index	revision sheet								