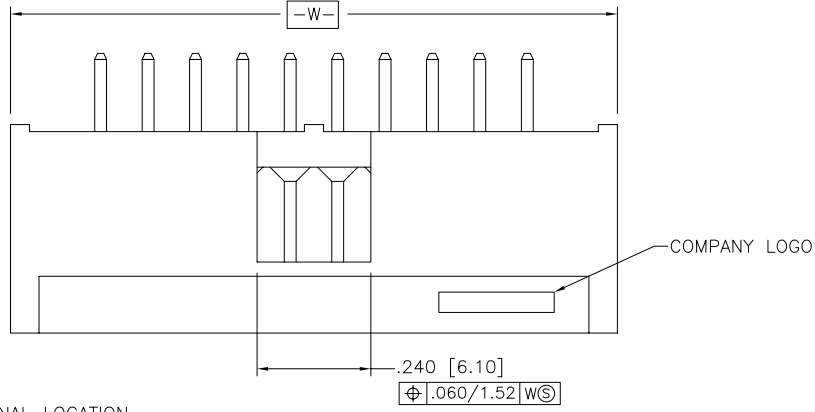
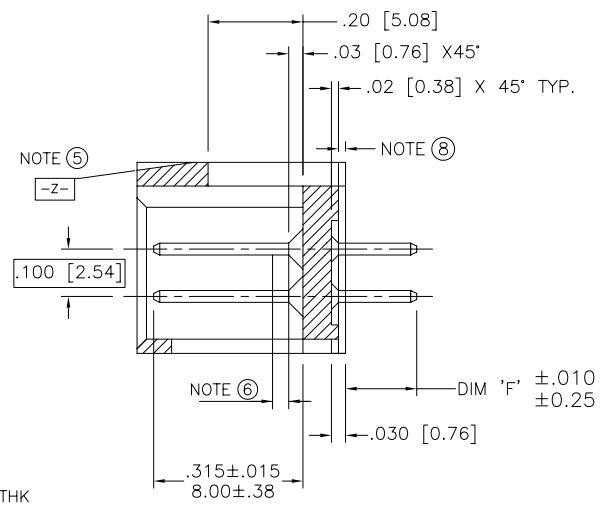
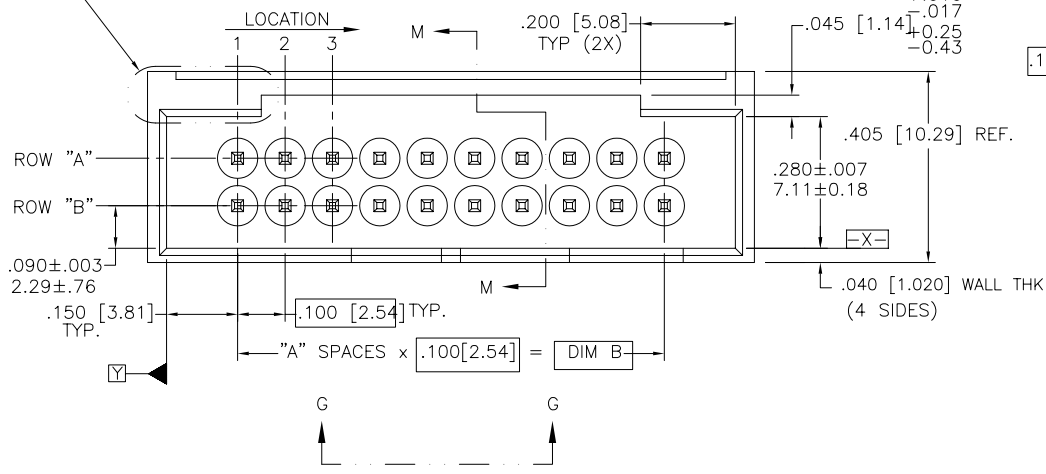


PRODUCT NUMBER
SEE TABLE



OPTIONAL LOCATION
FOR COMPANY LOGO



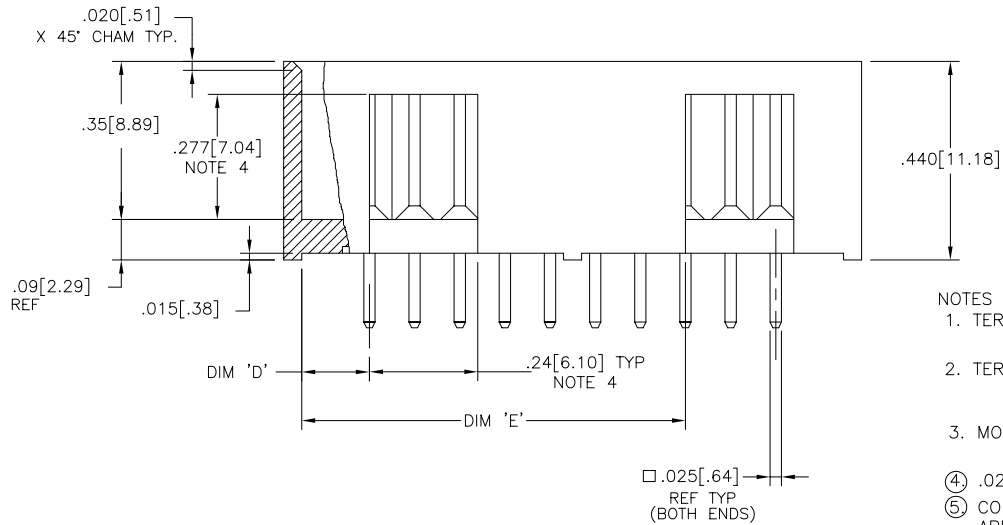
SECTION M-M

mat'l. code		surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection INCH/MM		product family HEADERS	
ltr	ecn no	dr	date	tolerances unless otherwise specified		INCH/MM		title	
A	APPD	MSC	4/9/85	angles	.XX±.01/.3	INCH/MM		STRAIGHT HEADER FOR FLAT CABLE RECEPT.	
B	V80991	SAR	7/16/98	linear	.XXX±.005/.13	scale 3:1		dwg no sheet 1 of 4 size	
C	S90022	APK	2/26/99	0°±2'	.xxxx±.0020/.051	FCJ		68419 A3	
D	M05-0167	ERE	7/23/05	dr	M. CLOUSER 2/15/84	type		Product Customer Drawing	
E	M06-0289	AGS	7/29/06	enr	P. SMITH 4/10/85				
				chr	P. SMITH 4/10/85				
				app	P.M. SMITH 4/10/85				
sheet index	revision sheet	E 1	E 2	E 3	E 4				

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PRODUCT NUMBER
SEE TABLE



⊕ .015/0.38	Ⓜ X	Ⓜ Y	Ⓜ AT TIP, TYP
⊕ .006/0.15	Ⓜ X	Ⓜ Y	Ⓜ AT BASE., TYP

VIEW G-G

NOTES :

1. TERMINAL MAT'L : 3/4 HARD PHOS BRONZE ALLOY, UNS-C51000.
2. TERMINAL PLATING: 15μ"/0.38μ Au OVER 50μ"/1.27μ NICKEL PLATING ON SWAGED TIPS IS MANUFACTURER'S OPTION.
3. MOLDING MAT'L: GLASS-FILLED POLYESTER, FLAME RETARDANT PER UL94V-0. COLOR: BLACK
- ④ .02/0.51 MAX FLASH AROUND ALL WINDOWS.
- ⑤ COMPANY LOGO MOLDED IN ON DATUM SURFACE -Z- APPROXIMATELY AS SHOWN.
- ⑥ .030/0.76 MAX FLASH PERMISSIBLE ON THIS END OF PINS.
7. OTHER PLATINGS ARE AVAILABLE ON 68648, 68649.
- ⑧ .015/0.38 MAX FLASH PERMISSIBLE ON THIS END OF PINS.
- ⑨ ADD "LF" SUFFIX AT THE END OF PART NUMBER FOR LEAD FREE OPTION
- ⑩ THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATION AS DESCRIBED IN GS-22-008.
11. 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.

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mat'l. code		surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection ⊕		product family HEADERS			
ltr	ecn	no	dr	date		tolerances unless otherwise specified		title			
E						angles	linear	.XX±.01/.3	INCH/MM		STRAIGHT HEADER FOR FLAT CABLE RECEPT.
						0°±2'		.XXX±.005/.13	scale 3:1		dwg no
						dr	M. CLOUSER	2/15/84	sheet 2 of 4		size
						enr	P. SMITH	4/10/85	FCI		68419
						chr	P. SMITH	4/10/85	type		Product Customer Drawing
						appd	P.M. SMITH	4/10/85			
sheet index	revision sheet										

PRODUCT NO. NOTE 9	NO. OF POS.	-A- SPACES	DIM B	DIM C	DIM D	DIM E	DIM F
68419-001	6	2	.200/5.08	.500/12.70	.150/3.81	- - - -	.130/3.30
-002	8	3	.300/7.62	.600/15.24	.150/3.81	- - - -	
-003	10	4	.400/10.16	.700/17.78	.250/6.35	- - - -	
-004	12	5	.500/12.70	.800/20.32	.250/6.35	- - - -	
-005	14	6	.600/15.24	.900/22.86	.350/8.89	- - - -	
-006	16	7	.700/17.78	1.000/25.40	.350/8.89	- - - -	
-007	18	8	.800/20.32	1.100/27.94	.450/11.43	- - - -	
-008	20	9	.900/22.86	1.200/30.48	.150/3.81	.850/21.59	
-009	22	10	1.000/25.40	1.300/33.02		.950/24.13	
-010	24	11	1.100/27.94	1.400/35.56		1.050/26.67	
-011	26	12	1.200/30.48	1.500/38.10		1.150/29.21	
-012	28	13	1.300/33.02	1.600/40.64		1.250/31.75	
-013	30	14	1.400/35.56	1.700/43.18		1.350/34.29	
-014	32	15	1.500/38.10	1.800/45.72		1.450/36.83	
-015	34	16	1.600/40.64	1.900/48.26		1.550/39.37	
-016	36	17	1.700/43.18	2.000/50.80		1.650/41.91	
-017	38	18	1.800/45.72	2.100/53.34		1.750/44.45	
-018	40	19	1.900/48.26	2.200/55.88		1.850/46.99	
-019	42	20	2.000/50.80	2.300/58.42		1.950/49.53	
-020	44	21	2.100/53.34	2.400/60.96		2.050/52.07	
-021	46	22	2.200/55.88	2.500/63.50		2.150/54.61	
-022	48	23	2.300/58.42	2.600/66.04		2.250/57.15	
-023	50	24	2.400/60.96	2.700/68.58		2.350/59.69	
-024	52	25	2.500/63.50	2.800/71.12		2.450/62.23	
-025	54	26	2.600/66.04	2.900/73.66		2.550/64.77	
-026	56	27	2.700/68.58	3.000/76.20		2.650/67.31	
-027	58	28	2.800/71.12	3.100/78.74		2.750/69.85	
-028	60	29	2.900/73.66	3.200/81.28		2.850/72.39	
-029	62	30	3.000/76.20	3.300/83.82		2.950/74.93	
68419-030	64	31	3.100/78.74	3.400/86.36	.150/3.81	3.050/77.47	.130/3.30



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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	.XX±.01/.3	STRAIGHT HEADER FOR FLAT CABLE RECEPT.
						0'±2'		.XXX±.005/.13	
								.XXXX±.0020/.051	
				dr	M. CLOUSER	2/15/84		scale 3:1	FCJ dwg no 68419 sheet 3 of 4 size A3
				enr	P. SMITH	4/10/85			
				chr	P. SMITH	4/10/85			
				appd	P.M. SMITH	4/10/85			
sheet index	revision sheet								type Product Customer Drawing

PRODUCT NO. NOTE 9	NO. OF POS.	-A- SPACES	DIM B	DIM C	DIM D	DIM E	DIM F
68419-031	66	32	3.200/81.28	3.500/88.90	.150/3.81	3.150/80.01	.130/3.30
-032	68	33	3.300/83.82	3.600/91.44	.150/3.81	3.250/82.55	.130/3.30
-033	70	34	3.400/86.36	3.700/93.98	.150/3.81	3.350/85.09	.130/3.30
-034	72	35	3.500/88.90	3.800/96.52	.150/3.81	3.450/87.63	.130/3.30
-035	10	4	.400/10.16	.700/17.78	.250/6.35	- - - -	.155/3.94
-036	14	6	.600/15.24	.900/22.86	.350/8.89	- - - -	.155/3.94
-037	20	9	.900/22.86	1.200/30.48	.150/3.31	.850/21.59	.155/3.94
-038	26	12	1.200/30.48	1.500/38.10	.150/3.31	1.150/29.21	.155/3.94
-039	32	15	1.500/38.10	1.800/45.72	.150/3.31	1.450/36.83	.155/3.94
-040	40	19	1.900/48.26	2.200/55.88	.150/3.31	1.850/46.98	.155/3.94
-041	50	24	2.400/60.96	2.700/68.58	.150/3.31	2.350/59.69	.155/3.94
-042	I N A C T I V E						
-043	I N A C T I V E						
68419-044	I N A C T I V E						



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mat'l. code		surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection 	product family HEADERS
ltr	ecn no	dr	date	title	
E				STRAIGHT HEADER FOR FLAT CABLE RECEPT.	
		angles	linear	.XX±.01/.3	INCH/MM
		0°±2'		.XXX±.005/.13	
				.XXXX±.0020/.051	scale 3:1
		dr	M. CLOUSER	2/15/84	
		enr	P. SMITH	4/10/85	
		chr	P. SMITH	4/10/85	
		appd	P.M. SMITH	4/10/85	
sheet index	revision sheet				dwg no 68419 sheet 4 of 4 size A3 type Product Customer Drawing

form: A3