

REVISIONS				
REV.	ECO. NO	DESCRIPTION	DATE	BY
A	866	INITIAL RELEASE	12/19/2005	HT
B	1393	TABULATE MATERIALS	6/19/2007	MNH

PART NUMBER CODING

MATERIAL (INSULATOR/CONTACT)

R = PPS/PHOSPHOR BRONZE
OPERATING TEMP: -65°C TO +125°C
G = PA9T/PHOSPHOR BRONZE
OPERATING TEMP: -65°C TO +125°C
A = PPS/BERYLLIUM COPPER
OPERATING TEMP: -65°C TO +150°C
J = PA9T/BERYLLIUM COPPER
OPERATING TEMP: -65°C TO +150°C

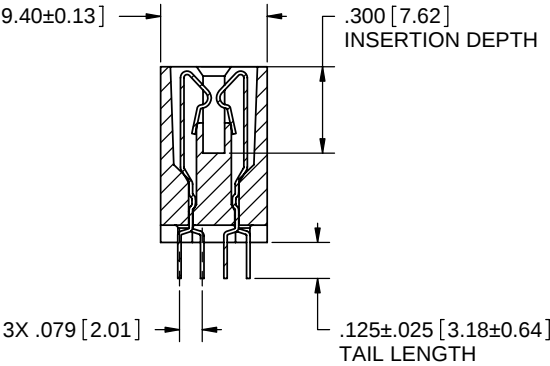
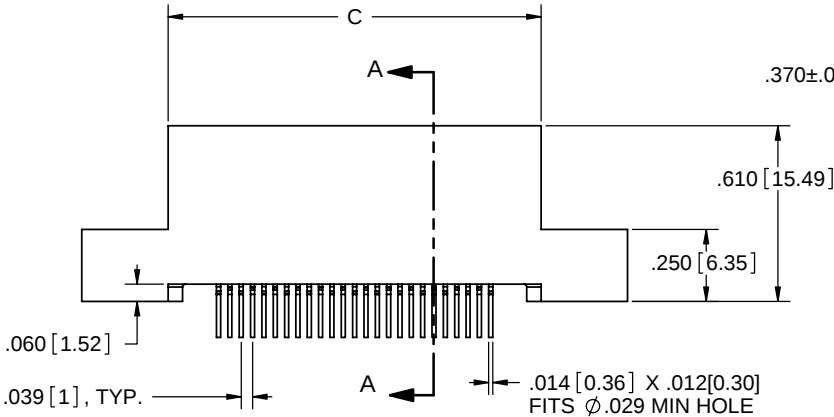
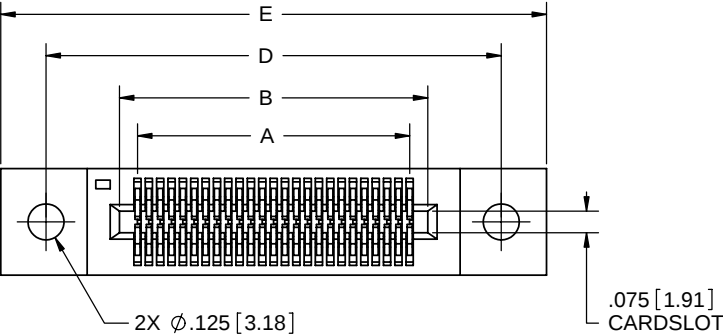
MOUNTING STYLE

D = FLUSH MOUNTING
N = NO MOUNTING EARS
T = FLUSH MTG. WITH THRD INSERT
R = BOARD LOCKS
S = SIDE MOUNTING

NUMBER OF POSITIONS
(CONTACTS PER ROW)

PLATING

ALL PLATINGS HAVE .000050" NICKEL UNDERPLATE
CONTACT SURFACE TERMINATION
B = .000010" GOLD .000100" PURE TIN, MATTE
C = .000030" GOLD .000100" PURE TIN, MATTE



SECTION A-A

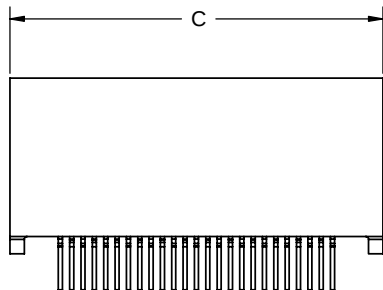
- NOTES:
1. INSULATOR MATERIAL: SEE PART NUMBER CODING
 2. CONTACT MATERIAL: SEE PART NUMBER CODING
 3. PLATING: SEE PART NUMBER CODING
 4. TEMPERATURE: SEE PART NUMBER CODING
 5. PROCESSING TEMP: 260°C FOR 120 SECONDS MAX
 6. UL FLAMMABILITY RATING: 94V-0
 7. VOLTAGE RATING: 175 VDC MINIMUM AT SEA LEVEL.
 8. CURRENT RATING: 1 AMP PER CONTACT PAIR
 9. VOLTAGE DROP: 30 MILLI VOLT AT RATED CURRENT
 10. INSULATION RESISTANCE: 5000 MEGA OHM
 11. CONNECTOR IDENTIFICATION: THE PART SHALL BE MARKED WITH A PART NUMBER AND BARCODE
 12. BOARD THICKNESS ACCOMMODATED: .062±.008"[1.57]
 13. BOARD INSERTION FORCE: 16 OZ MAX PER CONTACT PAIR WHEN USING A .062"[1.57] TEST BLADE.
INTERNAL INSPECTION TO BE PER SULLIN'S WORK INSTRUCTION W17.3-01.
 14. BOARD WITHDRAWAL FORCE: 1 OUNCE MINIMUM PER CONTACT PAIR USING .062"[1.57] PCB



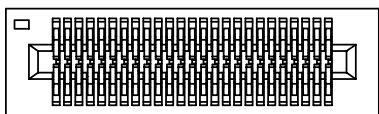
RoHS COMPLIANT

CUSTOMER COPY

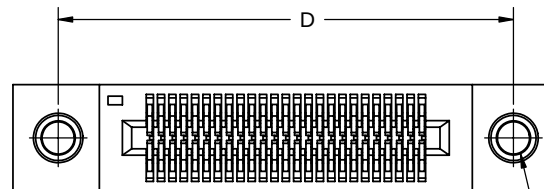
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES[MM] TOLERANCES: ANGULAR: ± 1° XX=± .02 [508] .XXX=± .005 [1270] .XXXX=± .0005 [0.127] PARENTHEICAL INFORMATION IS FOR REFERENCE ONLY	DATE 12/19/2005	NAME HT	SULLINS ELECTRONICS	
THE INFORMATION HEREIN CONTAINS PROPRIETARY INFORMATION OF SULLINS ELECTRONICS AND IS NOT TO BE REPRODUCED, USED OR DISCLOSED TO OTHERS FOR ANY PURPOSE EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY AN OFFICER OF SULLINS ELECTRONICS.	DESCRIPTION EDGE CARD, .039 CC		PART NUMBER -- E -- DHH --	
INTERPRET DIMENSIONS AND GEOMETRIC TOLERANCING PER: ANSI Y14.5-1984	SIZE C		DWG. NO. C10644	REV B
SCALE: 3:1		SHEET 1 OF 3		



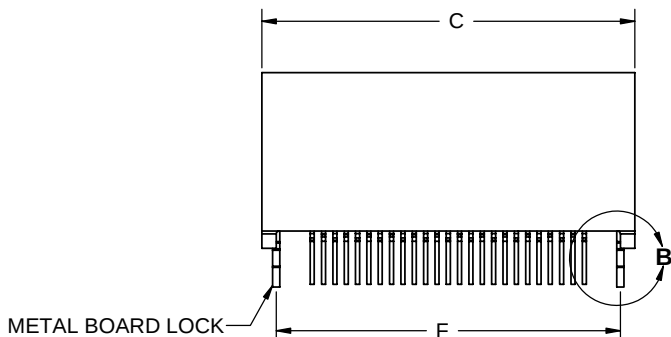
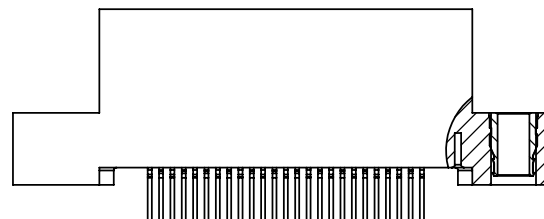
__ E __ DHHR



__ E __ DHHT

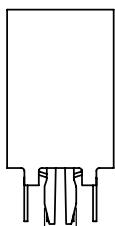


2X #4-40
THREADED INSERT

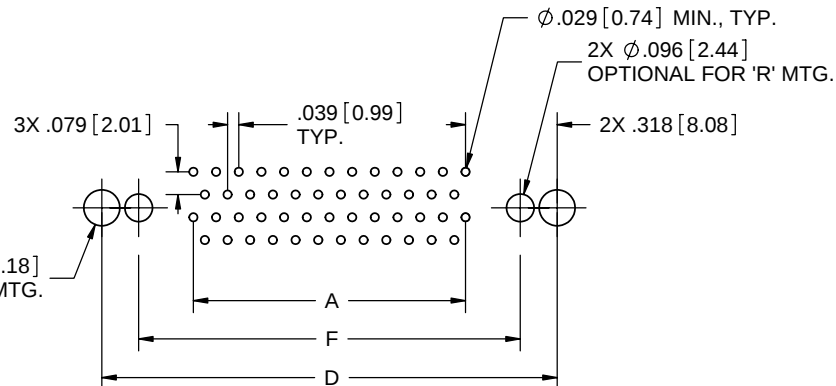


METAL BOARD LOCK

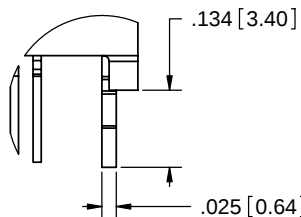
__ E __ DHHR



2X ϕ .125 [3.18]
OPTIONAL FOR 'D' MTG.



PCB LAYOUT
CONNECTOR SIDE



DETAIL B
SCALE 2:1



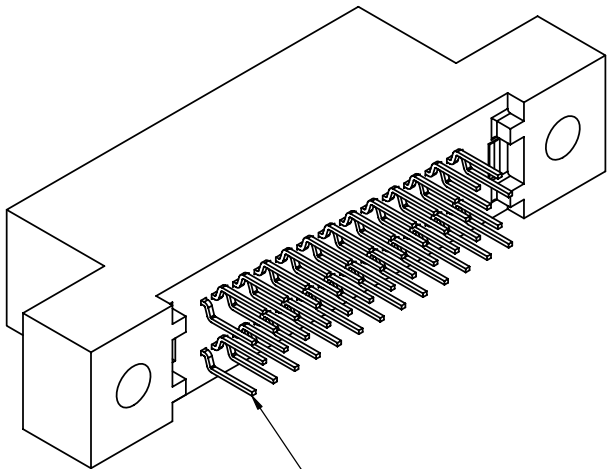
RoHS COMPLIANT

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UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES[MM] TOLERANCES: ANGULAR: $\pm 1^\circ$ XX = $\pm .02$ [.508] .XXX = $\pm .005$ [.1270] .XXXX = $\pm .0005$ [.0127] PARENTHEetical INFORMATION IS FOR REFERENCE ONLY INTERPRET DIMENSIONS AND GEOMETRIC TOLERANCING PER: ANSI Y14.5-1984		DRAWN 12/19/2005 HT	DATE 12/19/2005 HT	NAME HT
THE INFORMATION HEREIN CONTAINS PROPRIETARY INFORMATION OF SULLINS ELECTRONICS AND IS NOT TO BE REPRODUCED, USED OR DISCLOSED TO OTHERS FOR ANY PURPOSE EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY AN OFFICER OF SULLINS ELECTRONICS.		DESCRIPTION EDGE CARD, .039 CC		
PART NUMBER __ E __ DHH __		SIZE C		
DWG. NO. C10644		REV B		
SCALE: 3:1		SHEET 2 OF 3		

PART NUMBER	NO. OF POSITIONS	A±.005[±0.13]		B±.005[±0.25]		C±.015[±0.38]		D±.010[±0.25]		E±.020[±0.51]		F±.010[±0.25]	
		INCHES	MM	INCHES	MM	INCHES	MM	INCHES	MM	INCHES	MM	INCHES	MM
__E02DHH_*	2	0.039	1.00	0.170	4.32	0.389	9.89	0.675	17.15	0.989	25.13	0.289	7.35
__E03DHH_*	3	0.079	2.00	0.210	5.32	0.429	10.89	0.715	18.15	1.029	26.13	0.329	8.35
__E04DHH_*	4	0.118	3.00	0.249	6.32	0.468	11.89	0.754	19.15	1.068	27.13	0.368	9.35
__E05DHH_	5	0.157	4.00	0.288	7.32	0.507	12.89	0.793	20.15	1.107	28.13	0.407	10.35
__E06DHH_	6	0.197	5.00	0.328	8.32	0.547	13.89	0.833	21.15	1.147	29.13	0.447	11.35
__E07DHH_	7	0.236	6.00	0.367	9.32	0.586	14.89	0.872	22.15	1.186	30.13	0.486	12.35
__E08DHH_	8	0.276	7.00	0.407	10.32	0.626	15.89	0.912	23.15	1.226	31.13	0.526	13.35
__E09DHH_	9	0.315	8.00	0.446	11.32	0.665	16.89	0.951	24.15	1.265	32.13	0.565	14.35
__E10DHH_	10	0.354	9.00	0.485	12.32	0.704	17.89	0.990	25.15	1.304	33.13	0.604	15.35
__E11DHH_	11	0.394	10.00	0.525	13.32	0.744	18.89	1.030	26.15	1.344	34.13	0.644	16.35
__E12DHH_	12	0.433	11.00	0.564	14.32	0.783	19.89	1.069	27.15	1.383	35.13	0.683	17.35
__E13DHH_	13	0.472	12.00	0.603	15.32	0.822	20.89	1.108	28.15	1.422	36.13	0.722	18.35
__E14DHH_	14	0.512	13.00	0.643	16.32	0.862	21.89	1.148	29.15	1.462	37.13	0.762	19.35
__E15DHH_	15	0.551	14.00	0.682	17.32	0.901	22.89	1.187	30.15	1.501	38.13	0.801	20.35
__E16DHH_	16	0.591	15.00	0.722	18.32	0.941	23.89	1.227	31.15	1.541	39.13	0.841	21.35
__E17DHH_	17	0.630	16.00	0.761	19.32	0.980	24.89	1.266	32.15	1.580	40.13	0.880	22.35
__E18DHH_	18	0.669	17.00	0.800	20.32	1.019	25.89	1.305	33.15	1.619	41.13	0.919	23.35
__E19DHH_	19	0.709	18.00	0.840	21.32	1.059	26.89	1.345	34.15	1.659	42.13	0.959	24.35
__E20DHH_	20	0.748	19.00	0.879	22.32	1.098	27.89	1.384	35.15	1.698	43.13	0.998	25.35
__E21DHH_	21	0.787	20.00	0.918	23.32	1.137	28.89	1.423	36.15	1.737	44.13	1.037	26.35
__E22DHH_	22	0.827	21.00	0.958	24.32	1.177	29.89	1.463	37.15	1.777	45.13	1.077	27.35
__E23DHH_	23	0.866	22.00	0.997	25.32	1.216	30.89	1.502	38.15	1.816	46.13	1.116	28.35
__E24DHH_	24	0.906	23.00	1.037	26.32	1.256	31.89	1.542	39.15	1.856	47.13	1.156	29.35
__E25DHH_	25	0.945	24.00	1.076	27.32	1.295	32.89	1.581	40.15	1.895	48.13	1.195	30.35
__E26DHH_	26	0.984	25.00	1.115	28.32	1.334	33.89	1.620	41.15	1.934	49.13	1.234	31.35
__E27DHH_	27	1.024	26.00	1.155	29.32	1.374	34.89	1.660	42.15	1.974	50.13	1.274	32.35
__E28DHH_	28	1.063	27.00	1.194	30.32	1.413	35.89	1.699	43.15	2.013	51.13	1.313	33.35
__E29DHH_	29	1.102	28.00	1.233	31.32	1.452	36.89	1.738	44.15	2.052	52.13	1.352	34.35
__E30DHH_	30	1.142	29.00	1.273	32.32	1.492	37.89	1.778	45.15	2.092	53.13	1.392	35.35
__E31DHH_	31	1.181	30.00	1.312	33.32	1.531	38.89	1.817	46.15	2.131	54.13	1.431	36.35
__E32DHH_	32	1.220	31.00	1.351	34.32	1.570	39.89	1.856	47.15	2.170	55.13	1.470	37.35
__E33DHH_	33	1.26	32.00	1.391	35.32	1.610	40.89	1.896	48.15	2.210	56.13	1.510	38.35
__E34DHH_	34	1.299	33.00	1.430	36.32	1.649	41.89	1.935	49.15	2.249	57.13	1.549	39.35
__E35DHH_	35	1.339	34.00	1.470	37.32	1.689	42.89	1.975	50.15	2.289	58.13	1.589	40.35
__E36DHH_	36	1.378	35.00	1.509	38.32	1.728	43.89	2.014	51.15	2.328	59.13	1.628	41.35
__E37DHH_	37	1.417	36.00	1.548	39.32	1.767	44.89	2.053	52.15	2.367	60.13	1.667	42.35
__E38DHH_	38	1.457	37.00	1.588	40.32	1.807	45.89	2.093	53.15	2.407	61.13	1.707	43.35
__E39DHH_	39	1.496	38.00	1.627	41.32	1.846	46.89	2.132	54.15	2.446	62.13	1.746	44.35
__E40DHH_	40	1.535	39.00	1.666	42.32	1.885	47.89	2.171	55.15	2.485	63.13	1.785	45.35
__E41DHH_	41	1.575	40.00	1.706	43.32	1.925	48.89	2.211	56.15	2.525	64.13	1.825	46.35
__E42DHH_	42	1.614	41.00	1.745	44.32	1.964	49.89	2.250	57.15	2.564	65.13	1.864	47.35
__E43DHH_	43	1.654	42.00	1.785	45.32	2.004	50.89	2.290	58.15	2.604	66.13	1.904	48.35
__E44DHH_	44	1.693	43.00	1.824	46.32	2.043	51.89	2.329	59.15	2.643	67.13	1.943	49.35
__E45DHH_	45	1.732	44.00	1.863	47.32	2.082	52.89	2.368	60.15	2.682	68.13	1.982	50.35
__E46DHH_	46	1.772	45.00	1.903	48.32	2.122	53.89	2.408	61.15	2.722	69.13	2.022	51.35
__E47DHH_	47	1.811	46.00	1.942	49.32	2.161	54.89	2.447	62.15	2.761	70.13	2.061	52.35
__E48DHH_	48	1.85	47.00	1.981	50.32	2.200	55.89	2.486	63.15	2.800	71.13	2.100	53.35
__E49DHH_	49	1.89	48.00	2.021	51.32	2.240	56.89	2.526	64.15	2.840	72.13	2.140	54.35
__E50DHH_	50	1.929	49.00	2.060	52.32	2.279	57.89	2.565	65.15	2.879	73.13	2.179	55.35

* CONSULT FACTORY FOR AVAILABILITY



THIS PIN IS ON THE FIRST POSITION LOCATOR SIDE



RoHS COMPLIANT

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UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES[MM]
TOLERANCES:
ANGULAR: ± 1°
XX=± .02 [.508]
.XXX=± .005 [.1270]
.XXXX=± .0005 [.0127]
PARENTHEICAL INFORMATION IS FOR REFERENCE ONLY

INTERPRET DIMENSIONS AND GEOMETRIC TOLERANCING
PER: ANSI Y14.5-1984

DATE	NAME
12/19/2005	HT
DRAWN	
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SULLINS ELECTRONICS	
DESCRIPTION EDGE CARD, .039 CC	
PART NUMBER __E__DHH__	
SIZE C	DWG. NO. C10644
SCALE: 3:1	REV B
SHEET 3 OF 3	