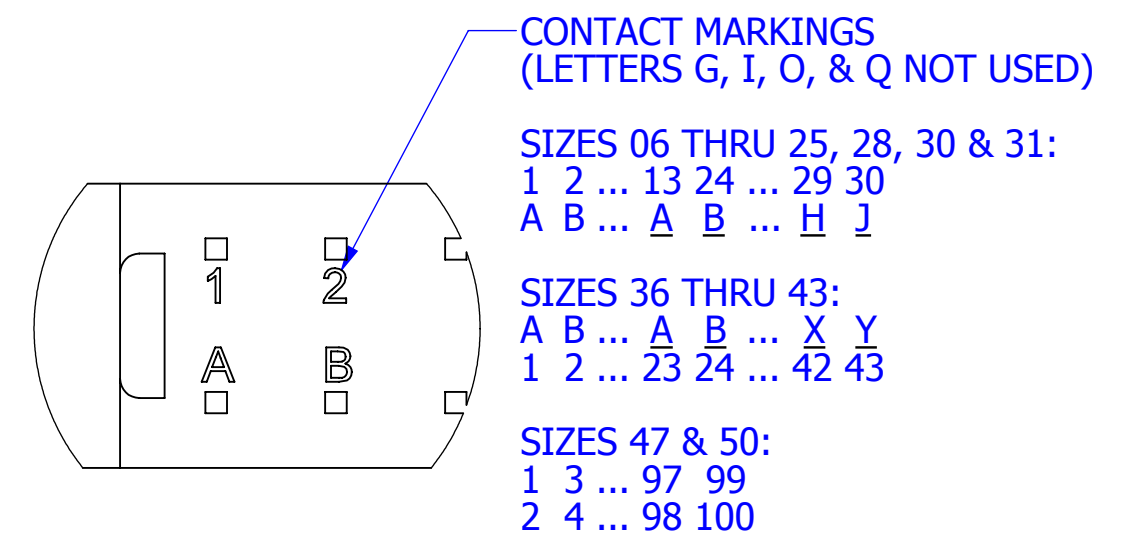
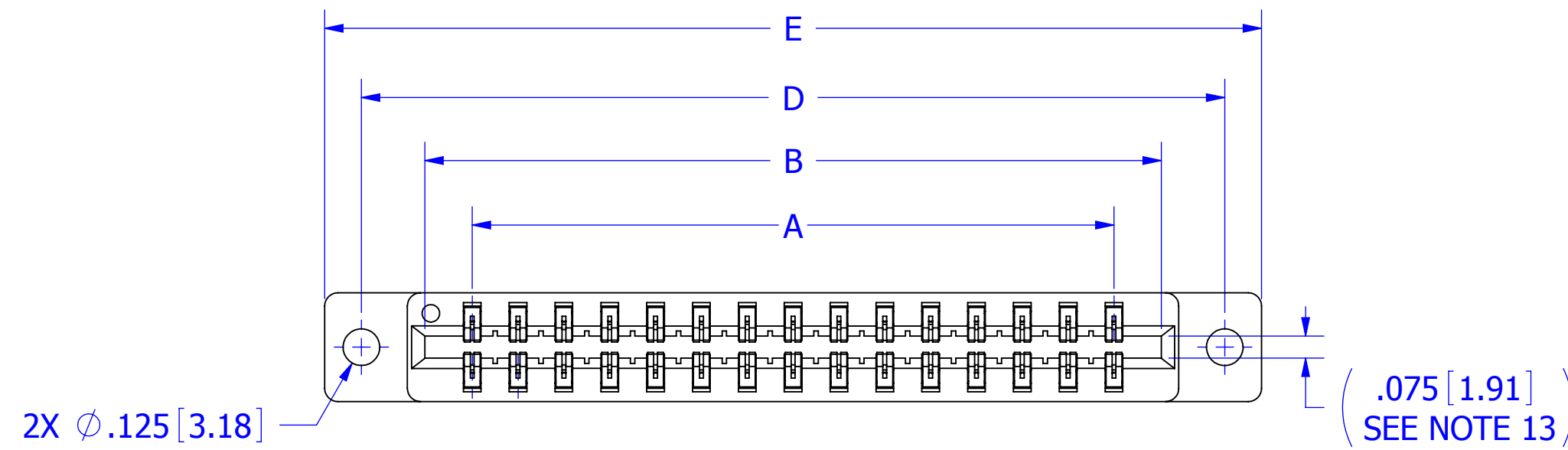
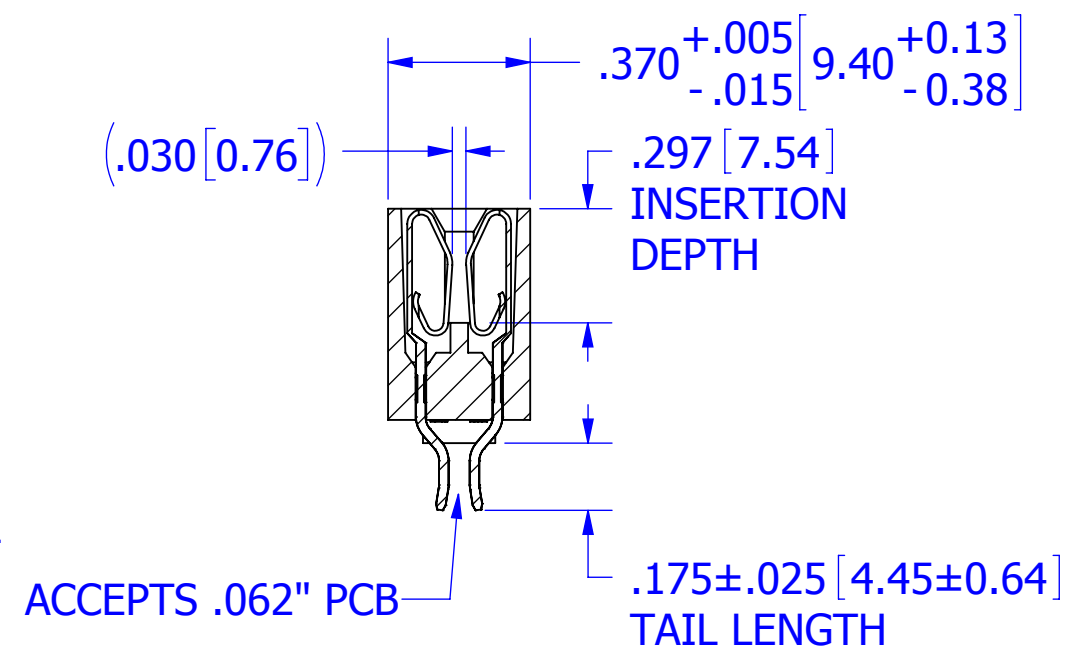
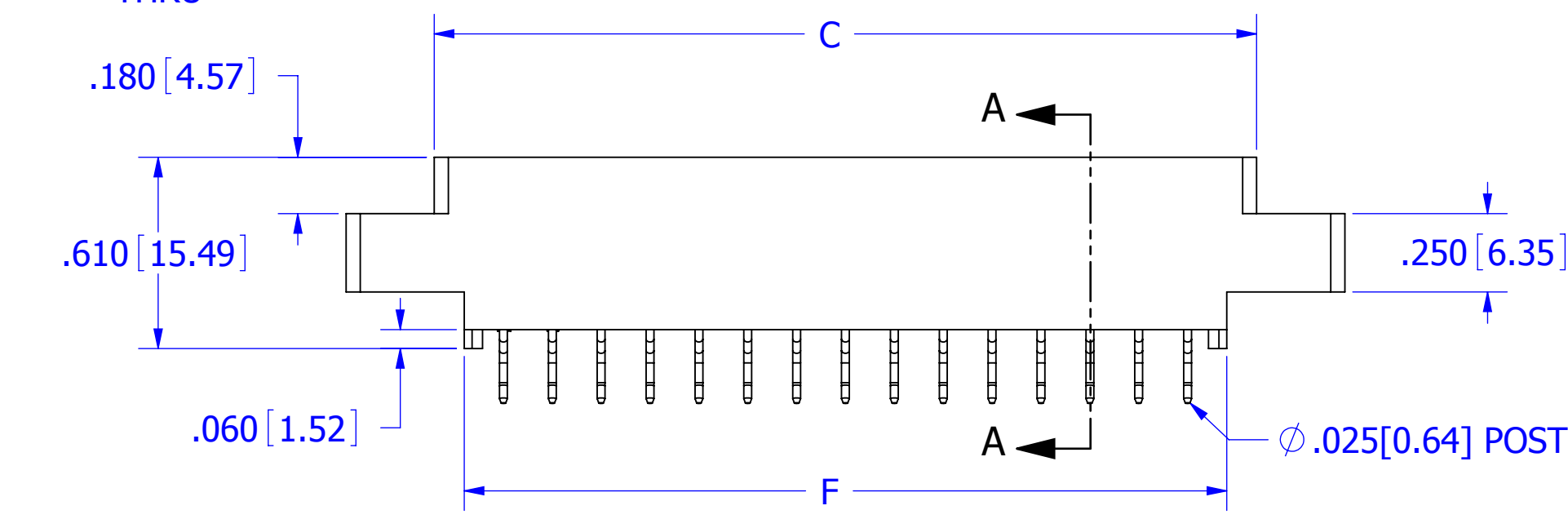


REVISIONS				
REV.	ECO. NO	DESCRIPTION	DATE	BY
A	889	INITIAL RELEASE	01/05/2006	HT
B	3000	TABULATE MATERIAL OPTIONS	6/18/2014	JHSU
C	3842	ADD CK EQUIVALENT , INSULATOR COLOR	4/19/2018	JH



CONTACT ID
SCALE 4 : 1
CONTACTS OMITTED FOR CLARITY



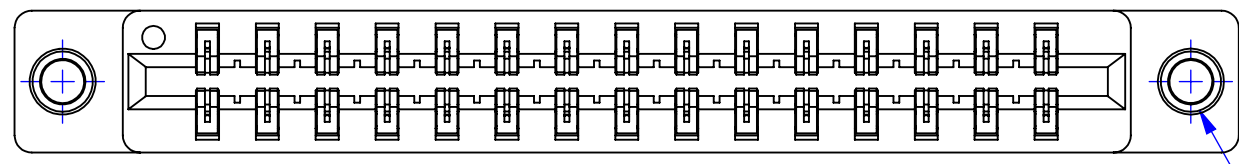
--- M --- DTKH - S288
--- M --- DCKH - S288

- NOTES:**
- INSULATOR MATERIAL: SEE PART NUMBER CODING
 - CONTACT MATERIAL: SEE PART NUMBER CODING
 - PLATING: SEE PART NUMBER CODING
 - OPERATING TEMPERATURE: SEE PART NUMBER CODING
 - PROCESSING TEMP: SEE PART NUMBER CODING
 - UL FLAMMABILITY RATING: 94V-0
 - OPERATING VOLTAGE: 950 VAC
 - CURRENT RATING: 3 AMP
 - CONTACT RESISTANCE: 30 MILLI OHMS MAX
 - INSULATION RESISTANCE: 5000 MEGA OHMS
 - DURABILITY: 500 CYCLES MIN
 - CONNECTOR IDENTIFICATION: THE PART SHALL BE MARKED WITH A PART NUMBER AND LOT CODE
 - BOARD THICKNESS ACCOMMODATED: .062 ± .008 [1.57 ± 0.20]
 - INSERTION FORCE: 8 OZ MAX PER CONTACT PAIR WHEN USING A .062 [1.57] TEST BLADE
INTERNAL INSPECTION TO BE PER SULLINS WORK INSTRUCTION WI-8.6-03
 - WITHDRAWAL FORCE: 1 OZ MIN PER CONTACT PAIR USING .062 [1.57] TEST BLADE
 - MODIFICATION: CARD EXTENDER BEND FOR .062 [1.57] PCB

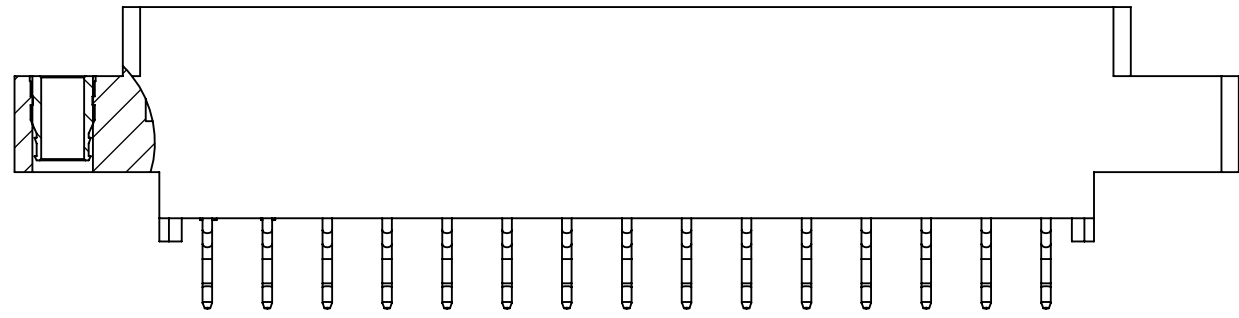


CUSTOMER COPY

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES [MM]		DRAWN	DATE	NAME	
TOLERANCES: ANGULAR: ± 1° DECIMALS .XX = ± .02 [.5] .XXX = ± .005 [1.3] .XXXX = ± .0005 [0.13]		1/5/2006	MNH		
<small>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.</small>					TITLE EDGECARD, .156 CC, HP
PART NUMBER _ _ M _ _ D(TK,CK) _ - S288					SIZE C
CAGE CODE 54453		DWG. NO. C10660		REV C	
SCALE: 2:1			SHEET 1 OF 3		

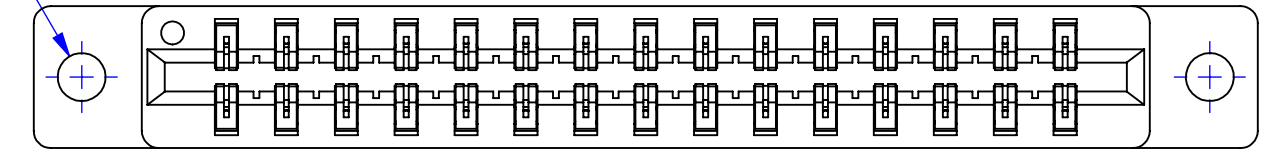


2X #4-40
THREADED INSERT



--- M --- DTKI - S288
--- M --- DCKI - S288

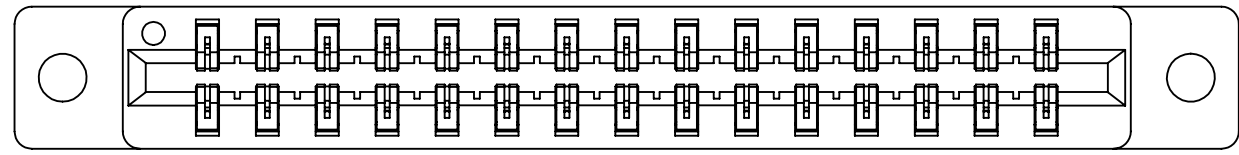
2X ϕ .125 [3.18]



.250 [6.35]

.610 [15.49]

--- M --- DTKD - S288
--- M --- DCKD - S288

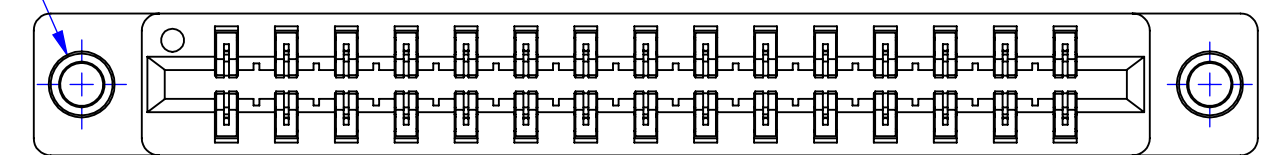


2X ϕ .125 [3.18]

.245 [6.22]

--- M --- DTKS - S288
--- M --- DCKS - S288

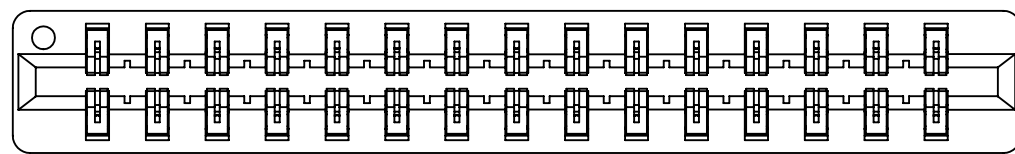
2X #4-40
THREADED INSERT



.250 [6.35]

.610 [15.49]

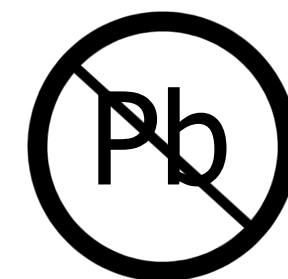
--- M --- DTKT - S288
--- M --- DCKT - S288



(c)

--- M --- DTKN - S288
--- M --- DCKN - S288

CUSTOMER COPY



RoHS COMPLIANT

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES [MM]

TOLERANCES:

ANGULAR: $\pm 1^\circ$

DECIMALS

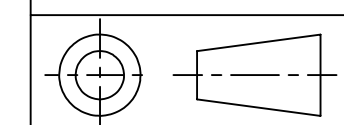
.XX = $\pm .02$ [.5]

.XXX = $\pm .005$ [.13]

.XXXX = $\pm .0005$ [.013]

DRAWN	DATE	NAME
	1/5/2006	MNH

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TITLE
EDGE CARD, .156 CC, HP

PART NUMBER
--- M --- D(TK,CK) --- S288

SIZE	CAGE CODE	DWG. NO.	REV
C	54453	C10660	C
SCALE: 2:1		SHEET 2 OF 3	

PART NUMBER	NO. OF POS.	DIMENSIONS											
		A±.008[0.20]		B±.008[0.20]		C±.015[0.38]		D±.010[0.25]		E±.020[0.51]		F±.015[0.38]	
		IN	MM	IN	MM	IN	MM	IN	MM	IN	MM	IN	MM
__ M06D(TK,CK) _ -S288	6	0.780	19.81	1.102	27.99	1.221	31.01	1.534	38.96	1.784	45.31	1.030	26.16
__ M08D(TK,CK) _ -S288	8	1.092	27.74	1.414	35.92	1.533	38.94	1.846	46.89	2.096	53.24	1.342	34.09
__ M10D(TK,CK) _ -S288	10	1.404	35.66	1.726	43.84	1.845	46.86	2.158	54.81	2.408	61.16	1.654	42.01
__ M12D(TK,CK) _ -S288	12	1.716	43.59	2.038	51.77	2.157	54.79	2.470	62.74	2.720	69.09	1.966	49.94
__ M15D(TK,CK) _ -S288	15	2.184	55.47	2.506	63.65	2.625	66.68	2.938	74.63	3.188	80.98	2.434	61.82
__ M18D(TK,CK) _ -S288	18	2.652	67.36	2.974	75.54	3.093	78.56	3.406	86.51	3.656	92.86	2.902	73.71
__ M20D(TK,CK) _ -S288	20	2.964	75.29	3.286	83.46	3.405	86.49	3.718	94.44	3.968	100.79	3.214	81.64
__ M22D(TK,CK) _ -S288	22	3.276	83.21	3.598	91.39	3.717	94.41	4.030	102.36	4.280	108.71	3.526	89.56
__ M24D(TK,CK) _ -S288	24	3.588	91.14	3.910	99.31	4.029	102.34	4.342	110.29	4.592	116.64	3.838	97.49
__ M25D(TK,CK) _ -S288	25	3.744	95.10	4.066	103.28	4.185	106.30	4.498	114.25	4.748	120.60	3.994	101.45
__ M28D(TK,CK) _ -S288	28	4.212	106.98	4.534	115.16	4.653	118.19	4.966	126.14	5.216	132.49	4.462	113.33
__ M30D(TK,CK) _ -S288	30	4.524	114.91	4.846	123.09	4.965	126.11	5.278	134.06	5.528	140.41	4.774	121.26
__ M31D(TK,CK) _ -S288	31	4.680	118.87	5.002	127.05	5.121	130.07	5.434	138.02	5.684	144.37	4.930	125.22
__ M36D(TK,CK) _ -S288	36	5.460	138.68	5.782	146.86	5.901	149.89	6.214	157.84	6.464	164.19	5.710	145.03
__ M40D(TK,CK) _ -S288	40	6.084	154.53	6.406	162.71	6.525	165.74	6.838	173.69	7.088	180.04	6.334	160.88
__ M43D(TK,CK) _ -S288	43	6.552	166.42	6.874	174.60	6.993	177.62	7.306	185.57	7.556	191.92	6.802	172.77
__ M47D(TK,CK) _ -S288	47	7.176	182.27	7.498	190.45	7.617	193.47	7.930	201.42	8.180	207.77	7.426	188.62
__ M50D(TK,CK) _ -S288	50	7.644	194.16	7.966	202.34	8.085	205.36	8.398	213.31	8.648	219.66	7.894	200.51

PART NUMBER CODING

M **D** **- S288**

MATERIAL (INSULATOR/CONTACT)

- E = BLUE PBT/PHOSPHOR BRONZE**
OPERATING TEMP: -65°C TO +125°C
PROCESSING TEMP: WAVE/MANUAL SOLDERING
- R = GREEN PPS/PHOSPHOR BRONZE**
OPERATING TEMP: -65°C TO +125°C
PROCESSING TEMP: 260°C MAX FOR 20 SECONDS
- G = BLACK PA9T/PHOSPHOR BRONZE**
OPERATING TEMP: -65°C TO +125°C
PROCESSING TEMP: 260°C MAX FOR 20 SECONDS
- H = BLUE PBT/BERYLLIUM COPPER**
OPERATING TEMP: -65°C TO +125°C
PROCESSING TEMP: WAVE/MANUAL SOLDERING
- A = GREEN PPS/BERYLLIUM COPPER**
OPERATING TEMP: -65°C TO +150°C
PROCESSING TEMP: 260°C MAX FOR 20 SECONDS
- J = BLACK PA9T/BERYLLIUM COPPER**
OPERATING TEMP: -65°C TO +150°C
PROCESSING TEMP: 260°C MAX FOR 20 SECONDS
(CONSULT FACTORY FOR OTHER MATERIALS)

MOUNTING STYLE

- H = .125" DIA. CLEARANCE HOLES
- I = #4-40 THREADED INSERT
- S = .125" DIA. SIDE MOUNTING
- N = NO MOUNTING EARS
- D = FLUSH MOUNTING
- T = FLUSH MTG WITH #4-40 THREADED INSERT

TERMINATION STYLE (LENGTH)

TK, CK = .175" (SEE SECTION A-A FOR DETAILS)

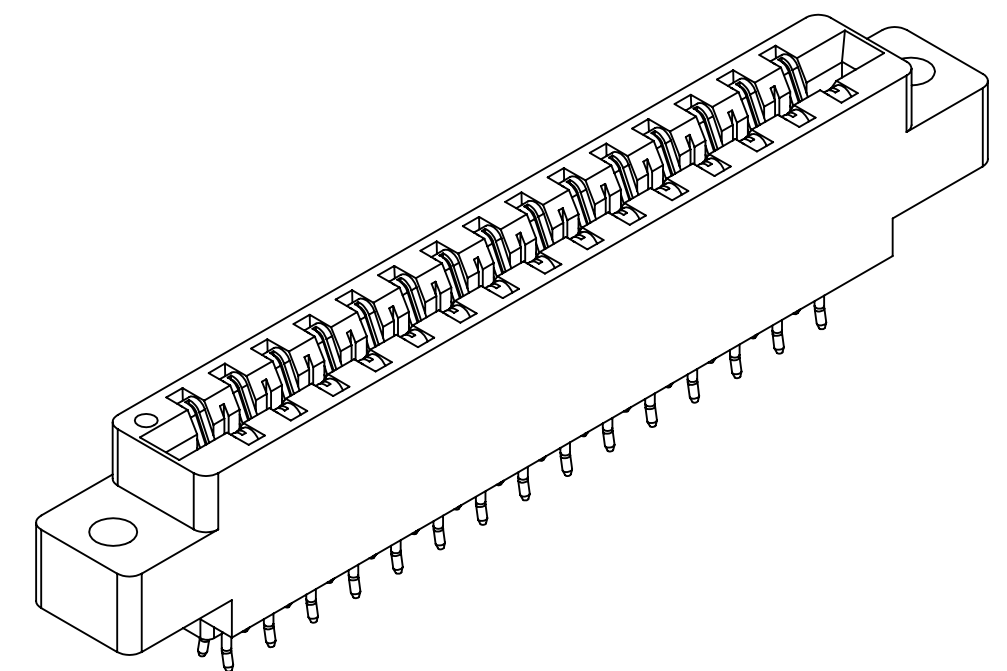
NUMBER OF POSITIONS

(CONTACTS PER ROW)

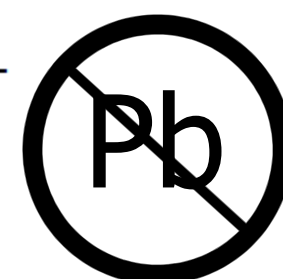
PLATING

ALL PLATINGS HAVE .000050" NICKEL UNDERPLATE

CONTACT SURFACE	TERMINATION
Y = .000030" GOLD	.000005" GOLD
B = .000010" GOLD	.000100" PURE TIN, MATTE
C = .000030" GOLD	.000100" PURE TIN, MATTE
**E = .000100" PURE TIN, MATTE OVERALL	
G = .000010" GOLD	.000005" GOLD
S = .000010" GOLD OVERALL	
M = .000030" GOLD ON CONTACT SURFACE, .000010" GOLD OVERALL	
**OVERALL TIN ONLY AVAILABLE ON MATERIAL CODES E, R, AND G	



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RoHS COMPLIANT

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES [MM]		DRAWN	DATE	NAME		
			1/5/2006	MNH		
TOLERANCES: ANGULAR: ± 1° DECIMALS .XX = ± .02 [.5] .XXX = ± .005 [.13] .XXXX = ± .0005 [.013]					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.	
TITLE					EDGE CARD, .156 CC, HP	
PART NUMBER					__ M __ D(TK,CK) _ - S288	
SIZE	CAGE CODE	DWG. NO.		REV		
C	54453	C10660		C		
SCALE: 2:1			SHEET 3 OF 3			