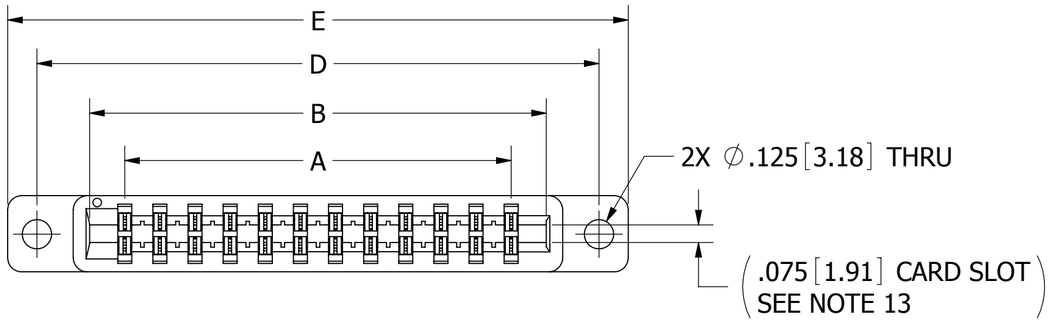
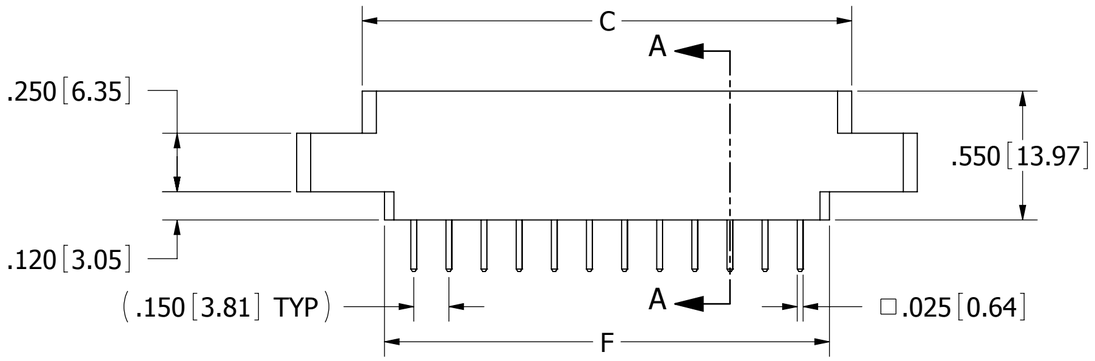
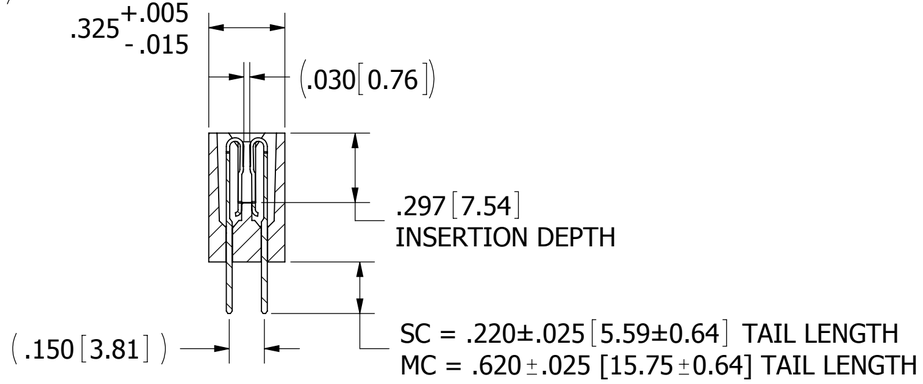
REVISIONS				
REV.	ECO. NO	DESCRIPTION	DATE	BY
A	2351	INITIAL RELEASE	06/01/2011	SE
B	2612	ADD 25 POSITION & 'B' MOUNTING OPTION, UPDATE INSULATOR WIDTH TOLERANCE & DWG FORMAT	6/11/2012	JH



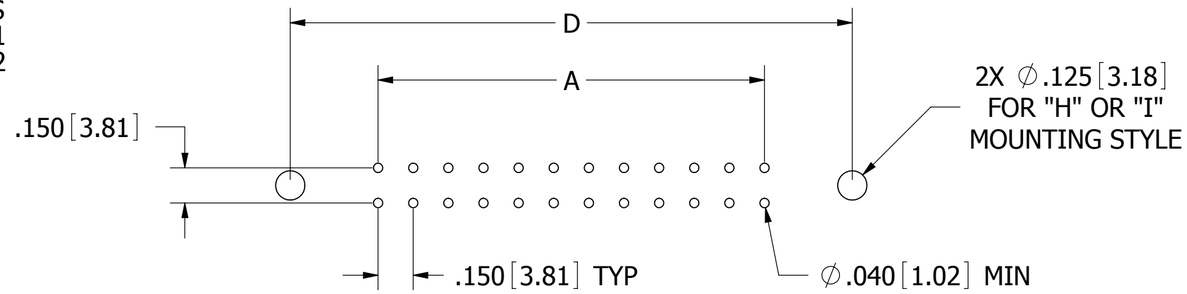




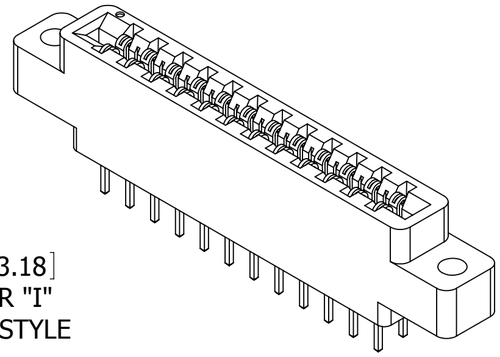
SECTION A-A

_ _ J _ _ DMCH
_ _ J _ _ DSCH

CONTACT MARKINGS
1 3 5 . . . 47 49 51
2 4 6 . . . 48 50 52



RECOMMENDED PCB LAYOUT



NOTES:
1. INSULATOR MATERIAL: SEE PART NUMBER CODING
2. CONTACT MATERIAL: SEE PART NUMBER CODING
3. PLATING: SEE PART NUMBER CODING
4. OPERATING TEMPERATURE: SEE PART NUMBER CODING
5. PROCESSING TEMP: SEE PART NUMBER CODING
6. UL FLAMMABILITY RATING: 94V-0
7. OPERATING VOLTAGE: 850 VAC MINIMUM AT SEA LEVEL
8. CURRENT RATING: 3 AMP PER CONTACT
9. CONTACT RESISTANCE: 30 MILLI OHMS MAX
10. INSULATION RESISTANCE: 5000 MEGA OHMS
11. DURABILITY: 500 CYCLES MIN
12. CONNECTOR IDENTIFICATION: THE PART SHALL BE MARKED WITH A PART NUMBER AND LOT CODE
13. BOARD THICKNESS ACCOMMODATED: .062±.008[1.57±0.20]
14. 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 WI7.3-01
15. WITHDRAWAL FORCE: 1 OZ MIN PER CONTACT PAIR USING .062[1.57] PCB

RoHS COMPLIANT

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UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES [MM]

TOLERANCES:

ANGULAR: ± 1°

DECIMALS
.XX=± .02 [.5]
.XXX=± .005 [.13]
.XXXX=± .0005 [.013]

DRAWN	DATE	NAME
	5/31/2011	SE

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SULLINS CONNECTOR SOLUTIONS

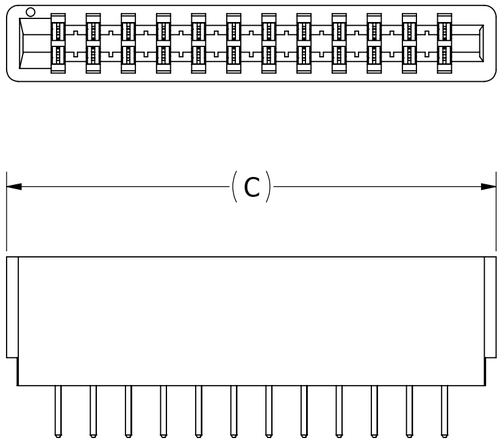
TITLE: EDGECARD, .150" PITCH, HP

PART NUMBER: _ _J_ _DSC (DMC)_

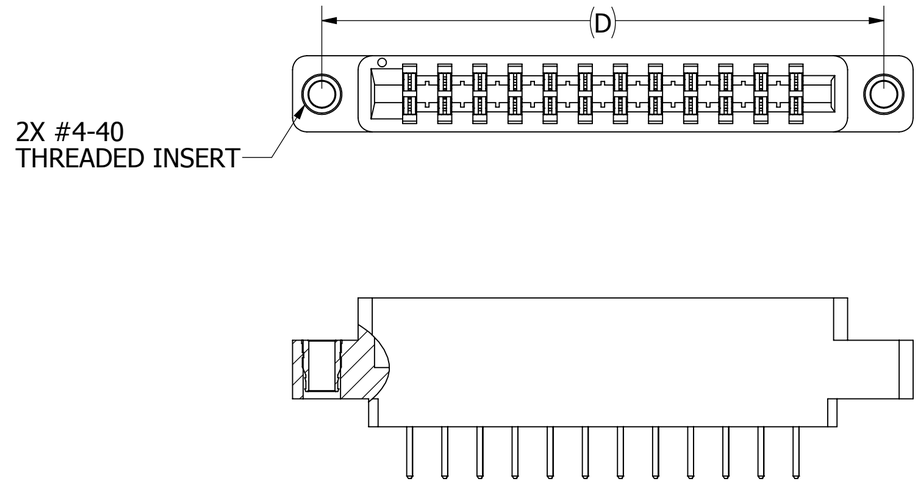
SIZE	CAGE CODE	DWG. NO.	REV
C	54453	C11696	B

SCALE: 2:1 SHEET 1 OF 3

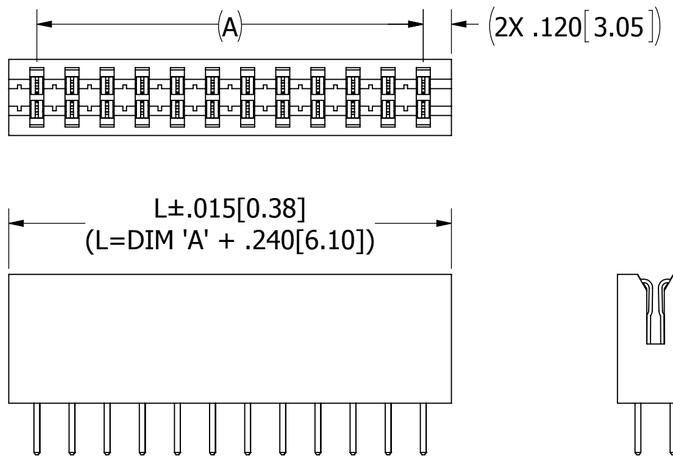
FILE NAME: C11696, _ _ J _ _ DSC (DMC) _



_ _ J _ _ DSCN
_ _ J _ _ DMCN



_ _ J _ _ DSCI
_ _ J _ _ DMCI



_ _ J _ _ DSCB
_ _ J _ _ DMCB

RoHS COMPLIANT

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TOLERANCES:

ANGULAR: ± 1°

DECIMALS
.XX=± .02 [.5]
.XXX=± .005 [.13]
.XXXX=± .0005 [.013]

DRAWN	DATE	NAME
	5/31/2011	SE

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C	54453	C11696	B

SCALE: 2:1

FILE NAME: C11696, _ _ J _ _ DSC (DMC) _

P/N	NO. OF POS.	A±.008[0.20]		B±.008[0.20]		C±.015[0.38]		D±.010[0.25]		E±.020[0.51]		F±.015[0.38]	
		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
_ _J12DSC(DMC) _	12	1.650	41.91	1.950	49.53	2.090	53.09	2.400	60.96	2.650	67.31	1.900	48.26
_ _J18DSC(DMC) _	18	2.550	64.77	2.850	72.39	2.990	75.95	3.300	83.82	3.550	90.17	2.800	71.12
_ _J22DSC(DMC) _	22	3.150	80.01	3.450	87.63	3.590	91.19	3.900	99.06	4.150	105.41	3.400	86.36
_ _J25DSC(DMC)B	25	3.600	91.44	"B" MOUNTING ONLY									
_ _J26DSC(DMC) _	26	3.750	95.25	4.050	102.87	4.190	106.43	4.500	114.30	4.750	120.65	4.000	101.60
_ _J28DSC(DMC) _	28	4.050	102.87	4.350	110.49	4.490	114.05	4.800	121.92	5.050	128.27	4.300	109.22

PART NUMBER CODING

_ _ J _ _ D _ _ _

MATERIAL (INSULATOR/CONTACT)

E = PBT/PHOSPHOR BRONZE
OPERATING TEMP: -65°C TO +125°C
PROCESSING TEMP: 260°C FOR 10 SECS MAX

R = PPS/PHOSPHOR BRONZE
OPERATING TEMP: -65°C TO +125°C
PROCESSING TEMP: 260°C FOR 120 SECS MAX

G = PA 9T/PHOSPHOR BRONZE
OPERATING TEMP: -65°C TO +125°C
PROCESSING TEMP: 260°C FOR 20 SECS MAX

MOUNTING STYLE

H = .125" DIA. CLEARANCE HOLES (PAGE 1)
N = NO MOUNTING EARS (PAGE 2)
I = #4-40 THREADED INSERT (PAGE 2)
B = OPEN CARD SLOT (PAGE 2)

TERMINATION

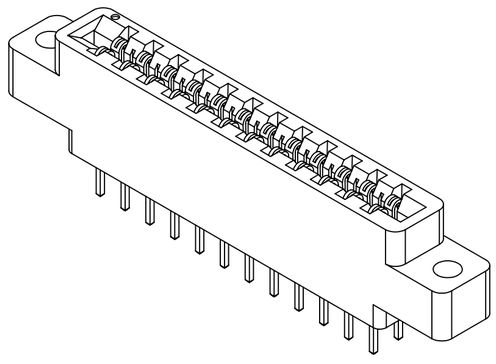
MC = .620" [15.75] TAIL LENGTH
SC = .220" [5.59] TAIL LENGTH

NUMBER OF POSITIONS (CONTACTS PER ROW)

PLATING

ALL PLATINGS HAVE .000050" NICKEL UNDERPLATE

B = .000010" GOLD	.000100" PURE TIN, MATTE
C = .000030" GOLD	.000100" PURE TIN, MATTE



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DRAWN	DATE	NAME
	5/31/2011	SE

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SULLINS CONNECTOR SOLUTIONS

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SIZE	CAGE CODE	DWG. NO.	REV
C	54453	C11696	B

SCALE: 2:1 SHEET 3 OF 3

FILE NAME: C11696, _ _ J _ _ DSC (DMC) _