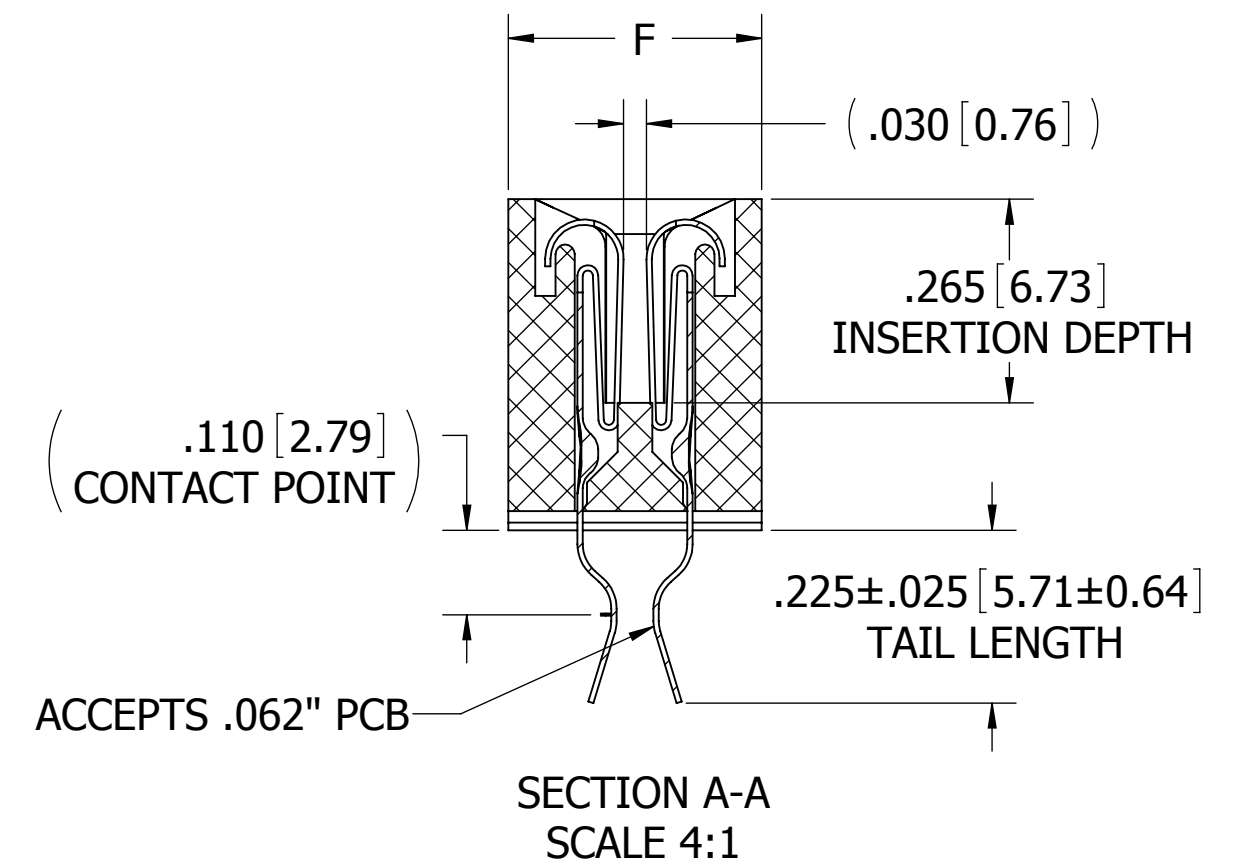
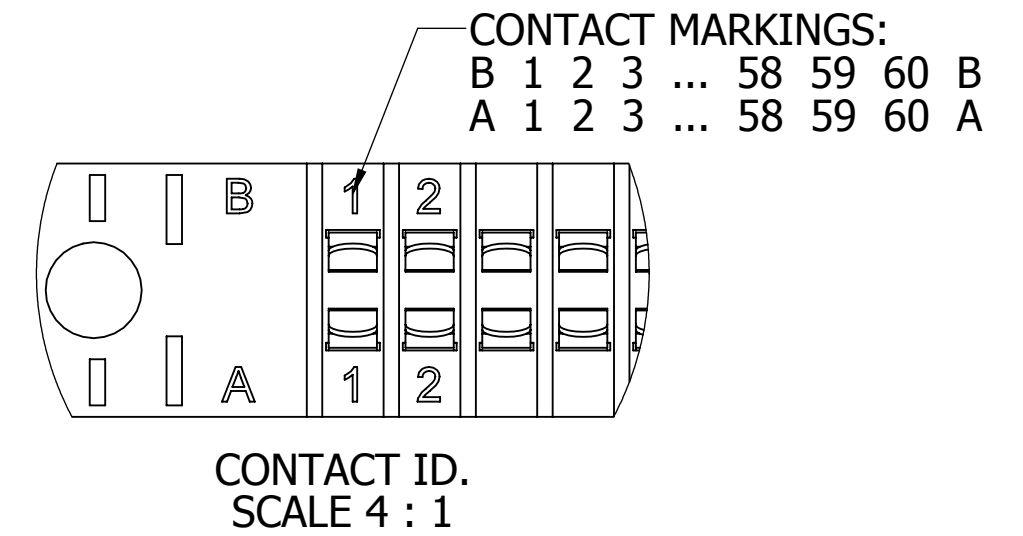
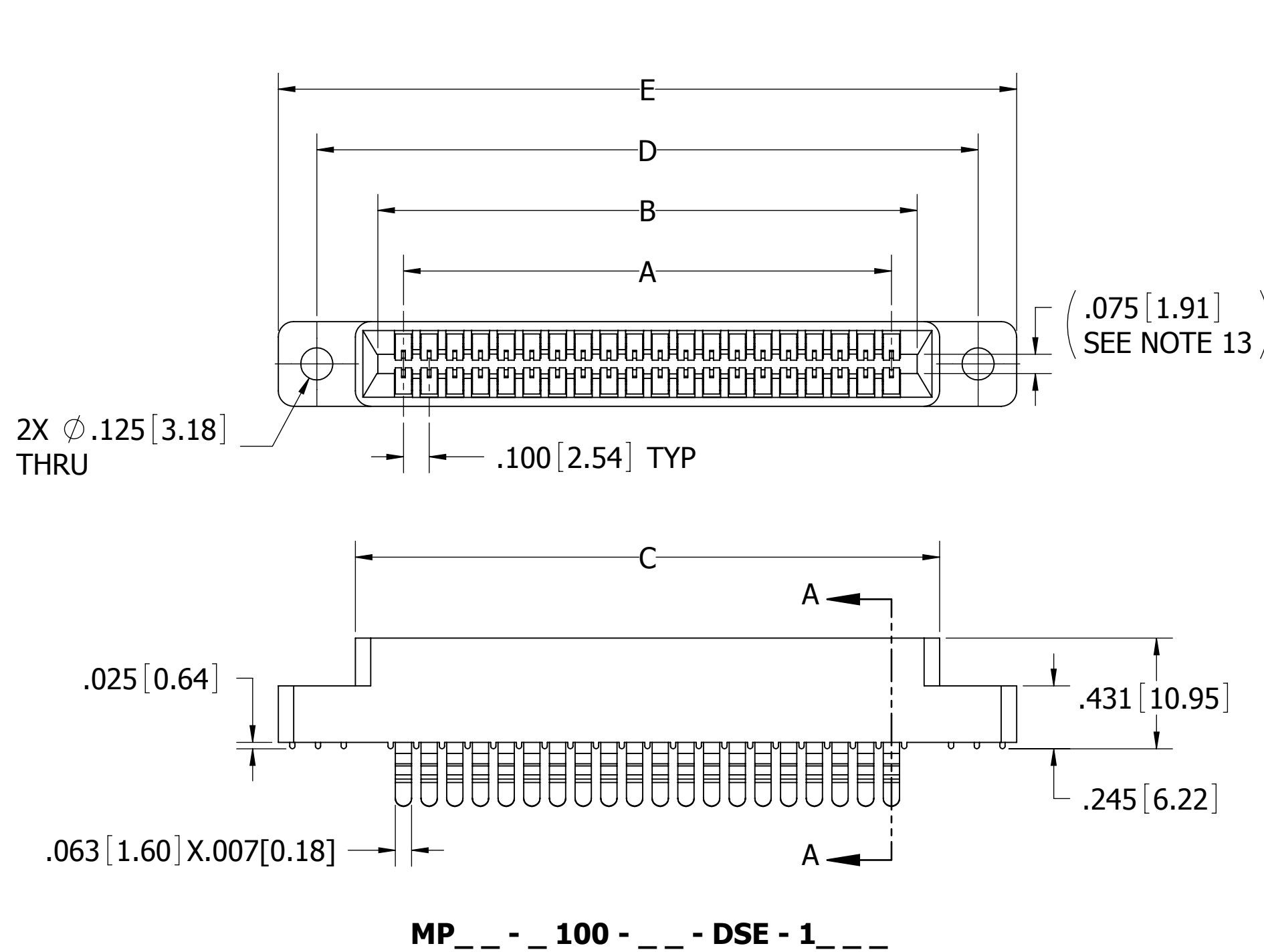


REVISIONS				
REV.	ECO. NO	DESCRIPTION	DATE	BY
A	955	INITIAL RELEASE	3/10/2006	MNH
B	2080	ADD INSULATOR MTL & MOUNTING OPTIONS	11/19/09	JH
C	2387	TABULATE P/N CODING TO INCLUDE P39, P71, ADD CONTACT GAP DIM, TAIL TOLERANCE, OBSOLETE DWG# 11610	6/24/2011	JH
D	3253	UPDATE DWG FORMAT, UPDATE PROCESSING TEMPS ON CUSTOMER COPY, ADD MATERIAL OPTION '4'	8/6/2015	MG
E	3346	ADD 'MPP' OPTION, OBSOLETE DWG C11243	12/04/2015	EP



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: 700 VAC
- CURRENT RATING: 3 AMPS
- CONTACT RESISTANCE: 30 MILLI OHMS MAX
- INSULATION RESISTANCE: 5000 MEGA OHMS
- DURABILITY: 500 CYCLES MINIMUM
- 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: 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
- WITHDRAWAL FORCE: 1 OZ MIN PER CONTACT PAIR USING .062 [1.57] PCB
- MODIFICATION: CARD EXTENDER BEND FOR LOW PROFILE CONNECTOR, .055" INSIDE DIMENSION FOR .062" PCB

REFERENCE: _ _ C _ _ DRV _ -P13, P39, P71

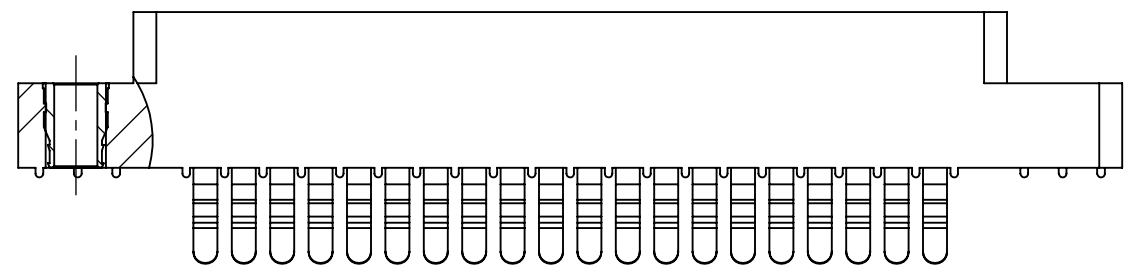
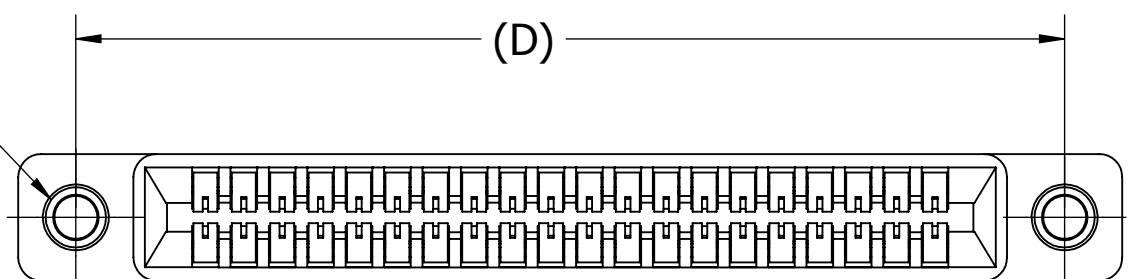
CUSTOMER COPY



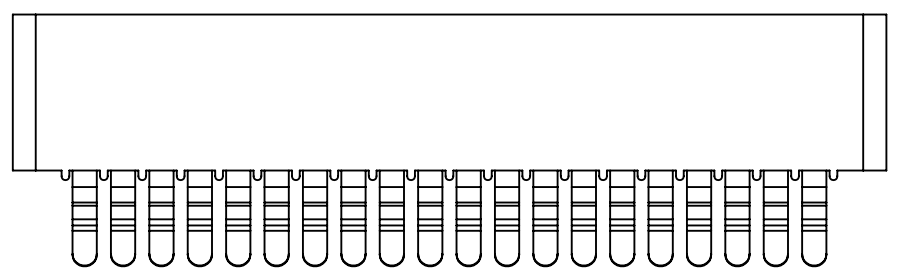
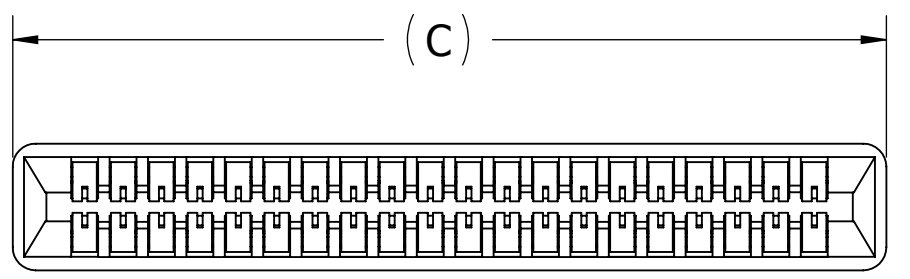
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES [MM]		DRAWN	DATE	NAME	
			6/24/2011	JH	
TOLERANCES: ANGULAR: ± 1° DECIMALS .XX = ± .02 [.5] .XXX = ± .005 [.13] .XXXX = ± .0005 [.013]					<small>THE INFORMATION HEREIN CONTAINS PROPRIETARY INFORMATION OF SULLINS ELECTRONICS AND IS NOT TO BE REPRODUCED, USED OR DISCLOSED TO OTHERS FOR ANY PURPOSE EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY AN OFFICER OF SULLINS ELECTRONICS.</small>
					TITLE CARD EDGE, .100 CC LP
					PART NUMBER MP _ _ - _ 100 - _ _ - DSE - _ _ _
SIZE C	CAGE CODE 54453	DWG. NO. C10692	REV E		
SCALE: 2:1			SHEET 1 OF 3		

8 7 6 5 4 3 2 1

2X #4-40
THREADED
INSERT

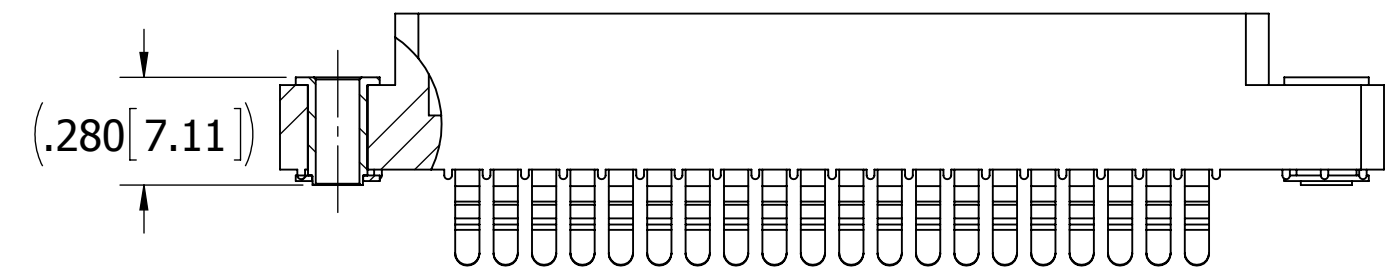
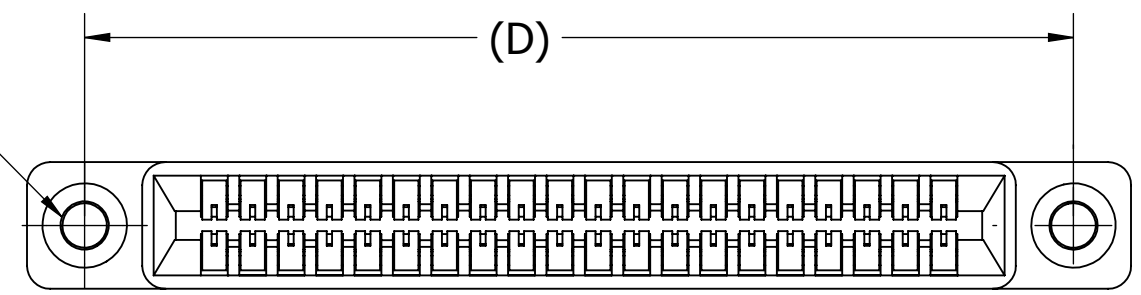


MP_ _ 100 - _ - DSE - 2_ _ _

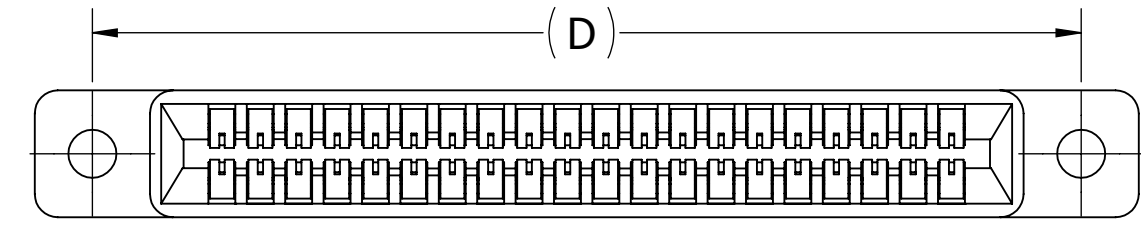


MP_ _ 100 - _ - DSE - 4_ _ _

2X FLOATING BOBBIN
Ø .116[2.95] CLEARANCE
FOR #4 SCREW

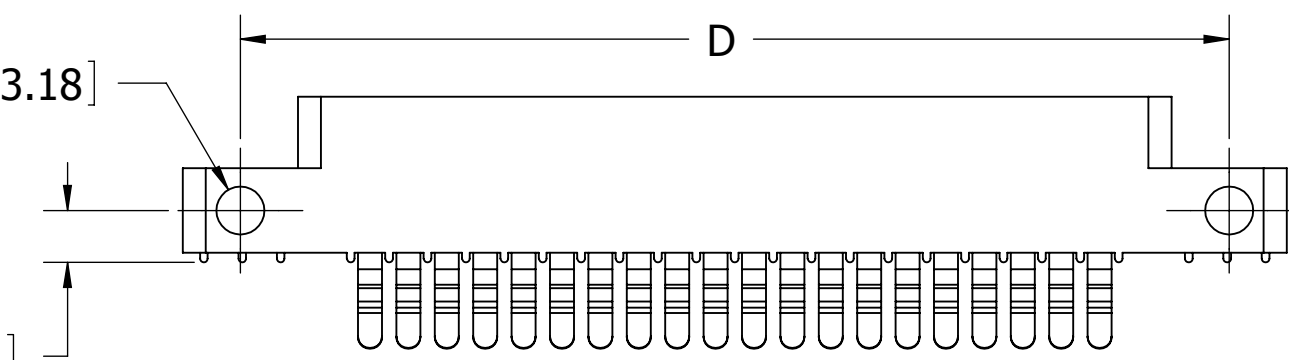


MP_ _ 100 - _ - DSE - 3_ _ _



2X Ø .125[3.18]
THRU

2X .135[3.43]



MP_ _ 100 - _ - DSE - 8_ _ _

CUSTOMER COPY



UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES [MM]

TOLERANCES:
ANGULAR: ± 1°
DECIMALS
.XX=± .02 [.5]
.XXX=± .005 [.13]
.XXXX=± .0005 [.013]

DRAWN	DATE	NAME
	6/24/2011	JH
<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 CARD EDGE, .100 CC LP		
PART NUMBER MP_ _ 100- _ -DSE- _ _ _		
SIZE C	CAGE CODE 54453	DWG. NO. C10692
SCALE: 2:1		REV E
SHEET 2 OF 3		

PART NUMBER CODING

MP - 100 - DSE -

CONTACT MATERIAL
 OMIT= PHOSPHOR BRONZE (SEE TABLE 2)
 Y= BERYLLIUM COPPER (SEE TABLE 3)
 OMIT WITH 'MPP' PLATING CODE = SPINODAL (SEE TABLE 4)

PLATING MODIFICATION CODE (SEE TABLE 1)

MOUNTING STYLE
 1= .125" DIA. CLEARANCE HOLES
 2= #4-40 THREADED INSERT
 3= FLOATING BOBBIN
 4= NO MOUNTING EARS
 8= .125" DIA. SIDE HOLES

NUMBER OF POSITIONS

INSULATOR MATERIAL

- 0= PBT, BLUE
- 2= PBT, GREEN
- 3= PBT, BLACK
- 1= PPS, BROWN
- 5= PPS, BLACK
- 6= PPS, GREEN
- 7= PPS, BROWN
- 4= PA9T, BLACK

PLATING (SEE TABLE 1)

PART NUMBER MICRO PLASTICS	NO. OF POS.	A±.008[0.20]		B±.008[0.20]		C±.015[0.38]		D±.010[0.25]		E±.020[0.51]		F+.005[0.13]/-.015[0.38]	
		IN	MM	IN	MM	IN	MM	IN	MM	IN	MM	IN	MM
MP - 100-04-DSE-	4	0.300	7.62	0.500	12.70	0.675	17.15	0.975	24.77	1.275	32.39		
MP - 100-05-DSE-	5	0.400	10.16	0.600	15.24	0.775	19.69	1.075	27.31	1.375	34.93		
MP - 100-06-DSE-	6	0.500	12.70	0.700	17.78	0.875	22.23	1.175	29.85	1.475	37.47		
MP - 100-07-DSE-	7	0.600	15.24	0.800	20.32	0.975	24.77	1.275	32.39	1.575	40.01		
MP - 100-08-DSE-	8	0.700	17.78	0.900	22.86	1.075	27.31	1.375	34.93	1.675	42.55		
MP - 100-10-DSE-	10	0.900	22.86	1.100	27.94	1.275	32.39	1.575	40.01	1.875	47.63		
MP - 100-12-DSE-	12	1.100	27.94	1.300	33.02	1.475	37.47	1.775	45.09	2.075	52.71		
MP - 100-13-DSE-	13	1.200	30.48	1.400	35.56	1.575	40.01	1.875	47.63	2.175	55.25		
MP - 100-15-DSE-	15	1.400	35.56	1.600	40.64	1.775	45.09	2.075	52.71	2.375	60.33		
MP - 100-17-DSE-	17	1.600	40.64	1.800	45.72	1.975	50.17	2.275	57.79	2.575	65.41	0.330	8.38
MP - 100-18-DSE-	18	1.700	43.18	1.900	48.26	2.075	52.71	2.375	60.33	2.675	67.95		
MP - 100-19-DSE-	19	1.800	45.72	2.000	50.80	2.175	55.25	2.475	62.87	2.775	70.49		
MP - 100-20-DSE-	20	1.900	48.26	2.100	53.34	2.275	57.79	2.575	65.41	2.875	73.03		
MP - 100-22-DSE-	22	2.100	53.34	2.300	58.42	2.475	62.87	2.775	70.49	3.075	78.11		
MP - 100-23-DSE-	23	2.200	55.88	2.400	60.96	2.575	65.41	2.875	73.03	3.175	80.65		
MP - 100-25-DSE-	25	2.400	60.96	2.600	66.04	2.775	70.49	3.075	78.11	3.375	85.73		
MP - 100-26-DSE-	26	2.500	63.50	2.700	68.58	2.875	73.03	3.175	80.65	3.475	88.27		
MP - 100-28-DSE-	28	2.700	68.58	2.900	73.66	3.075	78.11	3.375	85.73	3.675	93.35		
MP - 100-30-DSE-	30	2.900	73.66	3.100	78.74	3.275	83.19	3.575	90.81	3.875	98.43		
MP - 100-31-DSE-	31	3.000	76.20	3.200	81.28	3.375	85.73	3.675	93.35	3.975	100.97		
MP - 100-35-DSE-	35	3.400	86.36	3.600	91.44	3.775	95.89	4.075	103.51	4.375	111.13		
MP - 100-36-DSE-	36	3.500	88.90	3.700	93.98	3.875	98.43	4.175	106.05	4.475	113.67		
MP - 100-40-DSE-	40	3.900	99.06	4.100	104.14	4.275	108.59	4.575	116.21	4.875	123.83		
MP - 100-43-DSE-	43	4.200	106.68	4.400	111.76	4.575	116.21	4.875	123.83	5.175	131.45		
MP - 100-44-DSE-	44	4.300	109.22	4.500	114.30	4.675	118.75	4.975	126.37	5.275	133.99	0.400	10.16
MP - 100-49-DSE-	49	4.800	121.92	5.000	127.00	5.175	131.45	5.475	139.07	5.775	146.69		
MP - 100-50-DSE-	50	4.900	124.46	5.100	129.54	5.275	133.99	5.575	141.61	5.875	149.23		
MP - 100-52-DSE-	52	5.100	129.54	5.300	134.62	5.475	139.07	5.775	146.69	6.075	154.31		
MP - 100-60-DSE-	60	5.900	149.86	6.100	154.94	6.275	159.39	6.575	167.01	6.875	174.63		
MP - 100-65-DSE-	65	6.400	162.56	6.600	167.64	6.775	172.09	7.075	179.71	7.375	187.33		

TABLE 1 (PLATING):

ALL PLATINGS HAVE .000050" MIN NICKEL UNDERPLATE

	CONTACT SURFACE	TERMINATION	PLATING MODIFICATION CODE
MP, MPP	.000010" GOLD OVERALL		OMIT
	.000030" GOLD	.000010" GOLD OVERALL	G
MPSL	.000010" GOLD	.000100" PURE TIN, MATTE	K
	.000030" GOLD	.000100" PURE TIN, MATTE	GK
MPL	.000100" PURE TIN, MATTE OVERALL		K

(MPL PLATING AVAILABLE WITH PHOSPHOR BRONZE CONTACTS ONLY)
 (MP, MPSL AVAILABLE IN PHOSPHOR BRONZE OR BERYLLIUM COPPER)
 (MPP = SPINODAL CONTACTS)

TABLE 2 (PHOSPHOR BRONZE CONTACTS): MP, MPL, MPSL

INSULATOR MATERIAL CODE	OPERATING TEMPERATURE	PROCESSING TEMPERATURE
0, 2, 3	-65°C TO +125°C	WAVE/MANUAL SOLDERING ONLY
1, 5, 6, 7	-65°C TO +125°C	260°C MAX FOR 20 SEC
4	-65°C TO +125°C	260°C MAX FOR 20 SEC

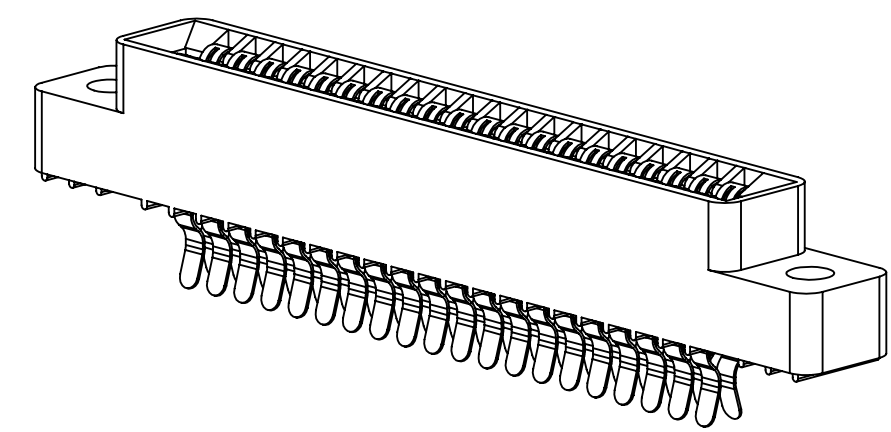
TABLE 3 (BERYLLIUM COPPER CONTACTS): MP OR MPSL WITH 'Y' MODIFICATION CODE

INSULATOR MATERIAL CODE	OPERATING TEMPERATURE	PROCESSING TEMPERATURE
0, 2, 3	-65°C TO +125°C	WAVE/MANUAL SOLDERING ONLY
1, 5, 6, 7	-65°C TO +150°C	260°C MAX FOR 20 SEC
4	-65°C TO +150°C	260°C MAX FOR 20 SEC

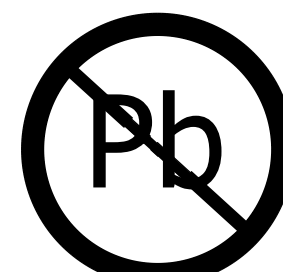
TABLE 4 (SPINODAL CONTACTS): MPP

INSULATOR MATERIAL CODE	OPERATING TEMPERATURE	PROCESSING TEMPERATURE
1, 5, 6, 7	-65°C TO +200°C	260°C MAX FOR 20 SEC

(CONSULT FACTORY FOR SPECIAL SOLDERING REQUIREMENTS)



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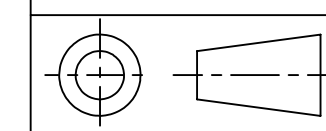
RoHS COMPLIANT

UNLESS OTHERWISE SPECIFIED:
 DIMENSIONS ARE IN INCHES [MM]

TOLERANCES:
 ANGULAR: ± 1°
 DECIMALS
 .XX=± .02 [.5]
 .XXX=± .005 [.13]
 .XXXX=± .0005 [.013]

DRAWN DATE NAME
 6/24/2011 JH

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		TITLE CARD EDGE, .100 CC LP	
		PART NUMBER MP - 100 - DSE -	
SIZE C	CAGE CODE 54453	DWG. NO. C10692	REV E
SCALE: 2:1		SHEET 3 OF 3	