

9 8 7 6 5 4 3 2 1

CKTS	DIM A	DIM B
2	.200/5.08	.100/2.54
3	.300/7.62	.200/5.08
4	.400/10.16	.300/7.62
5	.500/12.70	.400/10.16
6	.600/15.24	.500/12.70
7	.700/17.78	.600/15.24
8	.800/20.32	.700/17.78
9	.900/22.86	.800/20.32
10	1.000/25.40	.900/22.86
11	1.100/27.94	1.000/25.40
12	1.200/30.48	1.100/27.94
13	1.300/33.02	1.200/30.48
14	1.400/35.56	1.300/33.02
15	1.500/38.10	1.400/35.56
16	1.600/40.64	1.500/38.10
17	1.700/43.18	1.600/40.64
18	1.800/45.72	1.700/43.18
19	1.900/48.26	1.800/45.72
20	2.000/50.80	1.900/48.26
21	2.100/53.34	2.000/50.80
22	2.200/55.88	2.100/53.34
23	2.300/58.42	2.200/55.88
24	2.400/60.96	2.300/58.42
25	2.500/63.50	2.400/60.96
26	2.600/66.04	2.500/63.50
27	2.700/68.58	2.600/66.04
28	2.800/71.12	2.700/68.58
29	2.900/73.66	2.800/71.12
30	3.000/76.20	2.900/73.66
31	3.100/78.74	3.000/76.20
32	3.200/81.28	3.100/78.74
33	3.300/83.82	3.200/81.28
34	3.400/86.36	3.300/83.82
35	3.500/88.90	3.400/86.36
36	3.600/91.44	3.500/88.90

DETAIL X  
SCALE 5:1  
SEE NOTE 11

DETAIL Y  
SCALE 5:1  
SEE NOTE 11

DETAIL Z  
SCALE 5:1

SEE NOTE 9

SEE NOTE 12

REMOVED BACKWALLS OPTION  
SEE NOTE 12

RECOMMENDED PC BOARD LAYOUT

KINKED PIN OPTION  
SEE NOTE 5

NOTES:

- MATERIAL: GLASS FILLED NYLON, 94V-0, COLOR: BLACK
- FINISH:
  - (154) OVERALL TIN: .000100/0.00254 MIN, OVER .000050/0.00127 MIN NICKEL.
  - (208) SELECT GOLD: .000015/0.00038 MIN, SELECT TIN: .000100/0.00254 MIN, OVERALL NICKEL UNDERPLATE: .000050/0.00127 MIN.
  - (228) SELECT GOLD: .000030/0.00076 MIN, SELECT TIN: .000100/0.00254 MIN, OVERALL NICKEL UNDERPLATE: .000050/0.00127 MIN.
- PRODUCT SPECIFICATION: PS-10-07
- PACKAGING INFORMATION: SEE TABLES
- KINK PIN OPTION NOT RECOMMENDED FOR 2 CIRCUIT PARTS. HOLE SIZE MAY NEED TO BE ADJUSTED ON 2 CIRCUIT PARTS WITH KINK OPTION FOR PROPER INSERTION INTO THE PCB. SEE SMES-42003 FOR ADDITIONAL INFORMATION ON KINK PIN DIRECTION AND PLACEMENT.
- HEADERS ARE NOT STACKABLE ON .100/2.54 CENTERS.
- SOLDERABILITY PER SMES-152.
- PIN PUSH OUT FORCE: 3 LBS. MIN.
- ABRASION MARKS ON BACK WALL SURFACE ARE PERMISSIBLE.
- PARTS CONFORM TO CLASS 'B' REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.
- PIN TIP DIMENSIONS ARE SHOWN FOR REFERENCE ONLY. DIMENSIONS APPLY PRIOR TO PLATING OR ASSEMBLY.
- FIRST AND LAST CIRCUIT BACKWALLS MUST BE REMOVED WHEN MATING TO A PART WITH POLARIZING RIBS.
- TEXT ON PART IS FOR REFERENCE ONLY. TEXT AND TEXT LOCATION MAY VARY DEPENDING ON PART NUMBER AND/OR TOOL.

SYMBOLS

SYMBOLS	DIMENSION UNITS	SCALE
$\nabla = 0$	IN/MM	2:1
$\nabla = 0$	GENERAL TOLERANCES (UNLESS SPECIFIED)	
$\nabla = 0$	MM	INCH
$\nabla = 0$	4 PLACES	$\pm$
$\nabla = 0$	3 PLACES	$\pm$ 0.01
$\nabla = 0$	2 PLACES	$\pm$ 0.25 $\pm$ 0.014
$\nabla = 0$	1 PLACE	$\pm$ 0.36 $\pm$
$\nabla = 0$	0 PLACES	$\pm$
$\nabla = 0$	ANGULAR TOL	$\pm$ 0.5 °
$\nabla = 0$	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

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CURRENT REV DESC: ADDED NEW P/N

EC NO: 617300  
DRWN: SS06  
CHK'D: ISHWARG  
APPR: ISHWARG

2019/05/14  
2019/05/20  
2019/05/20

INITIAL REVISION:  
DRWN: JSCHAFER  
APPR: MARGULIS

2004/03/18  
2004/03/18

THIRD ANGLE PROJECTION

DRAWING

SERIES

MATERIAL NUMBER

CUSTOMER

SHEET NUMBER

B-SIZE

42228

SEE CHART

GENERAL MARKET

1 OF 5

SD-42228-001

PSD

001

L9

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER

DOC TYPE

DOC PART

REVISION

06:20:16

2019/05/20

RELEASE DATE

P1

DOCUMENT STATUS







