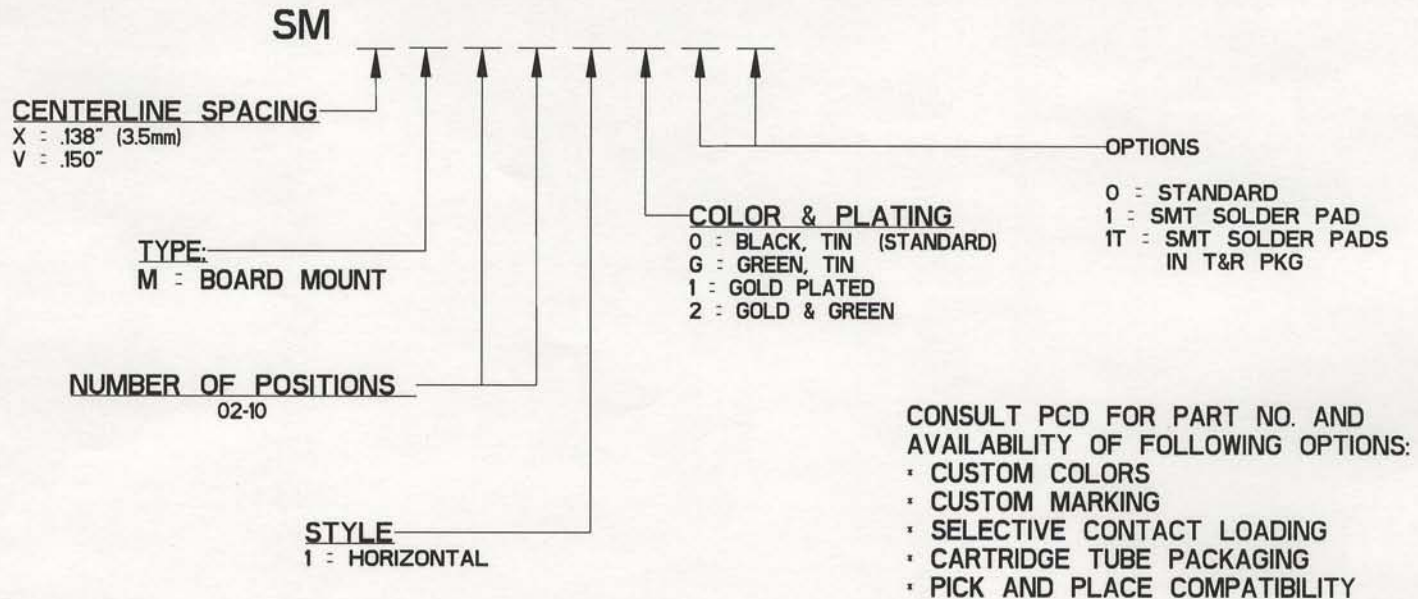


REV	ECN	APP'D
-	3851	JEC 10-14-99
A	5461	SH 5-25-04
B	5742	RW 12/28/05

SM "SURFACE MOUNT" SERIES PART NUMBERING SCHEME



RATINGS

CURRENT - 12A
VOLTAGE - 300V
U.L. FILE NO. E83421



RATINGS

CURRENT - 12A
VOLTAGE - 300V
CSA FILE NO. LR69703

DIN VDE 0627:1986
DIN VDE 0110-1:1989
EN 60947-1:1991
EN 60947-7-1:1992

CURRENT - PENDING
VOLTAGE - PENDING
TUV FILE NO. 20396

**INSTALLATION
RECOMMENDATIONS**
WIRE RANGE: AWG #16-28, STRANDED
OR SOLID
WIRE STRIP LENGTH: .250"
TIGHTENING TORQUE: 2.2 LB-IN.

MATERIALS:
HOUSING: PA 4/6, UL 94 V-0
CONTACT: BRASS, OPTIONAL FINISH

MAX OPERATING TEMPERATURE: 125°C
MAX INTRUSIVE SOLDER TEMP: 250°C

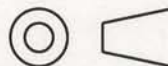
DIMENSIONS

ANSI Y14.5M
UNITS: INCHES
Pro/E FILE

TOLERANCES

.XX ±0.01
.XXX ±0.005
ANGLES ±2.0°

PROJECTION



Amphenol Pcd

ENGR

J. WILKINSON 9/17/99

CHKD

A. PATRIE 10-14-99

APPD

J. CAHALY 10-14-99

TITLE

**SMVM / SMXM
SURFACE MOUNT CONNECTOR
ASSEMBLY**

SIZE

A

DWG NO.

SMVM02100

REV

B

CODE: 58982

SCALE: NONE

SHEET 1 OF 3

ORIGINAL
STAMPED
IN RED

THIS DOCUMENT CONTAINS
PROPRIETARY INFORMATION WHICH
IS THE CONFIDENTIAL PROPERTY
OF AMPHENOL PCD, INC.
PEABODY, MA, USA

PACKAGING

CARTRIDGE TUBES:

15.0" x 0.5" x 0.5"

TRAYS:

11.0" x 7.5" x 0.5"

TAPE & REEL:

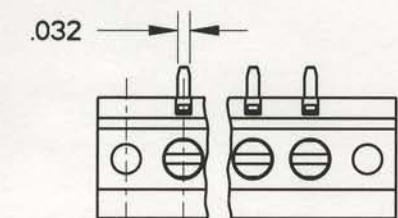
44MM TAPE ON $\phi 13$ " REELS
250 PCS/REEL



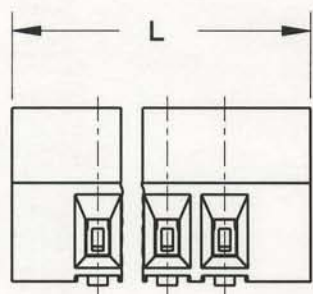
MOUNTING SCREWS (2):
B 2,2 x 6,0 INCLUDED

SCALE 2:1

PART NO.	POS	DIM L $\pm .002/1N$	# OF PARTS IN TUBE	# OF PARTS IN TRAY
SMVM021XX	2	0.600	24	180
SMVM031XX	3	0.750	19	140
SMVM041XX	4	0.900	16	120
SMVM051XX	5	1.050	13	100
SMVM061XX	6	1.200	12	90
SMVM071XX	7	1.350	10	80
SMVM081XX	8	1.500	9	70
SMVM091XX	9	1.650	8	60
SMVM101XX	10	1.800	8	60
SMXM021XX	2	0.552	26	190
SMXM031XX	3	0.690	21	150
SMXM041XX	4	0.828	17	130
SMXM051XX	5	0.966	15	110
SMXM061XX	6	1.104	13	90
SMXM071XX	7	1.242	11	80
SMXM081XX	8	1.380	10	70
SMXM091XX	9	1.518	9	70
SMXM101XX	10	1.656	8	60

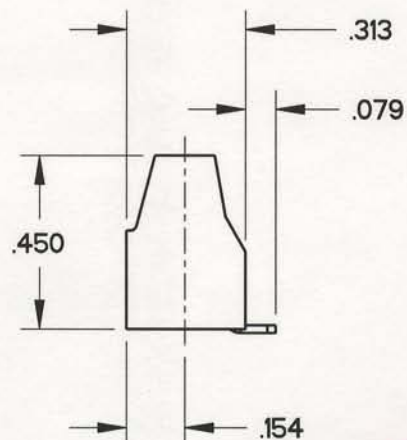


CL

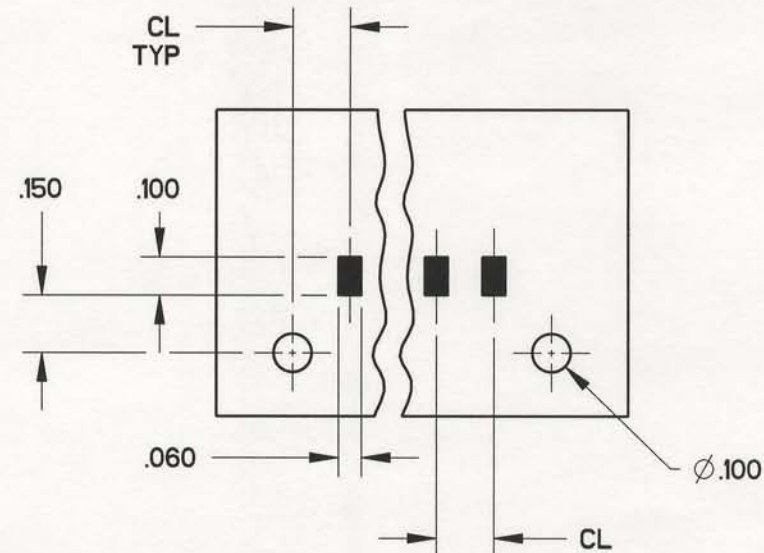


CL

CL: V = .150", X = .138"



PRINTED CIRCUIT BOARD CONFIGURATION (THRUHOLE SCREW MOUNT OPTION)



SIZE
A

DWG NO.

SMVM02100

REV
B

CODE: 58982

SCALE: NONE

SHEET 2 OF 3

TAPE AND REEL PACKAGING (2, 3, AND 4 POS)



SCALE 3:10

NOTES:

1. COMPONENT ON 44MM CARRIER AND 13" REELS
2. 250 PCS PER 13" REEL
3. DISPOSABLE 5/16" SQ. POLYIMIDE TAPE FOR PICK AND PLACE

USER FEED DIR.

OVAL SPROCKET HOLES

ROUND SPROCKET HOLES

COMPONENT ALIGNED WITH SIDE OF POCKET NEAR ROUND SPROCKET HOLES

POLYIMIDE TAPE

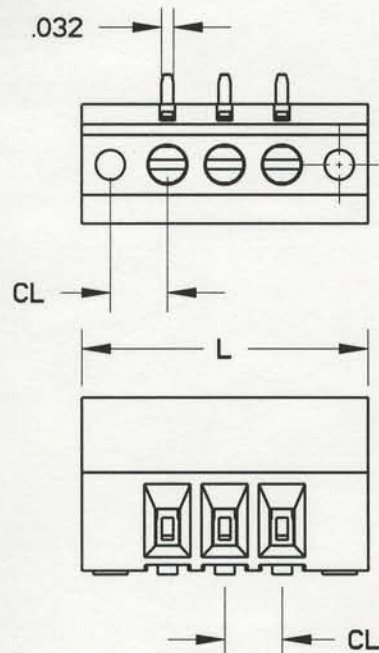
COMPONENT OFFSET FROM ϕ OF CARRIER

2 POS : .150

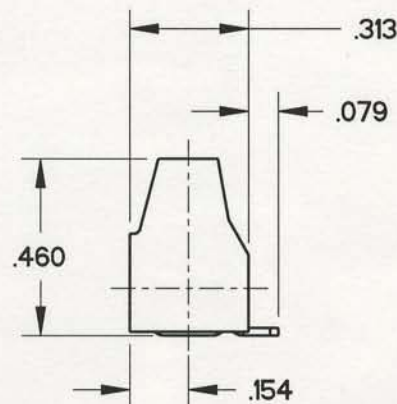
3 POS : .075

4 POS : .000

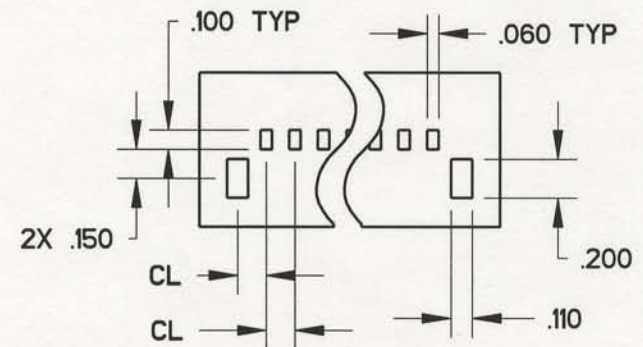
SMT PAD OPTION (SMVM03101 SHOWN)



CL: V = .150", X = .138"



PRINTED CIRCUIT BOARD CONFIGURATION (SMT PAD OPTION)



SIZE	DWG NO.	REV
A	SMVM02100	B
CODE: 58982	SCALE: NONE	SHEET 3 OF 3