

FOR MATING HEIGHT 3.0~5.0mm

NOTES:

1.MATERIAL:

- 1-1. HOUSING :GLASS-FILLED LCP UL 94 V-0
1-2. CONTACTS :COPPER ALLOY

2.FINISH CONTACT:

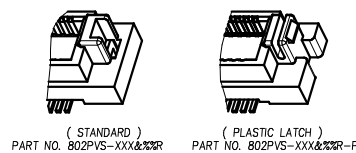
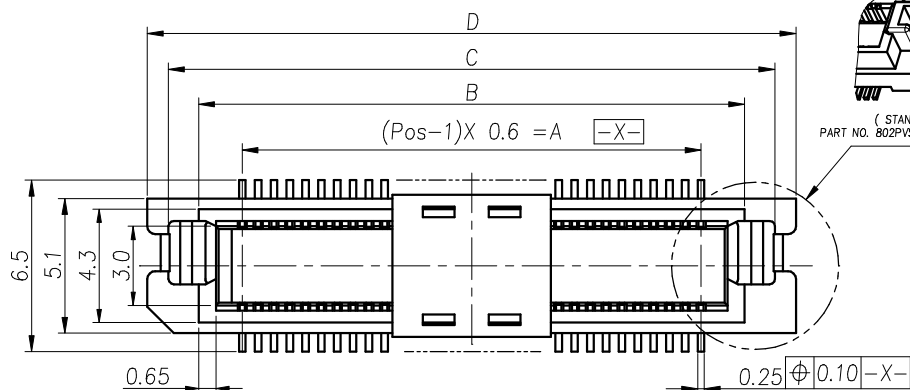
- 1-1. CONTACT AREA PLATING :HARD GOLD
1-2. SOLDER AREA PLATING :TIN/LEAD
1-3. BASE PLATING :NICKEL

3.RECOMMENDED PCB THICKNESS :1.0mm

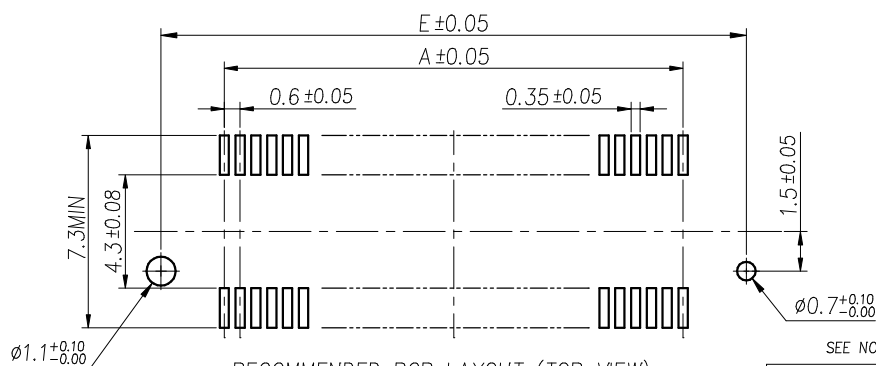
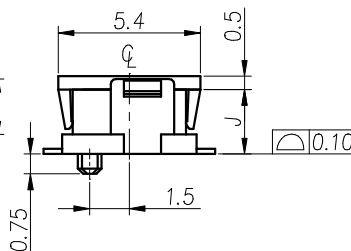
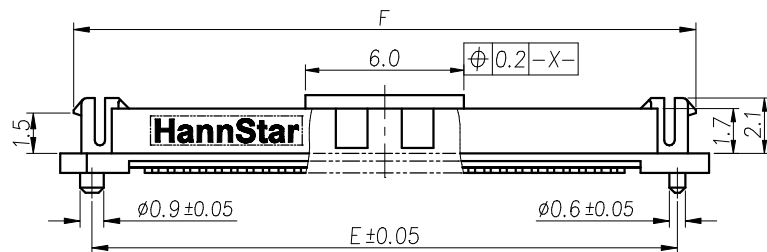
4.PRODUCT No:

802PVS-XXX&%%R-@

- @: MODIFICATION No.
(BLANK) STANDARD
P=WITH PLASTIC LATCH
D=WITH DIMPLE
B=WITH DIMPLE AND PLASTIC LATCH
R: PACKAGE
R=TAPE and REEL
%: CONTACT PLATING
01=1u",05=5u",10=10u",15=15u"
P1=1u"GOLD+30u"Pd/Ni
P2=3u"GOLD+30u"Pd/Ni
&: MATING HEIGHT
3=3mm,4=4mm,5=5mm,7=7mm
9=9mm,A=3.5mm,B=4.5mm
XXX: POSITION No:
020=20 POS.
030=30 POS.
120=120 POS.



5.0	4.45
4.5	3.95
4.0	3.45
3.5	2.95
3.0	2.45
MATING HEIGHT	J



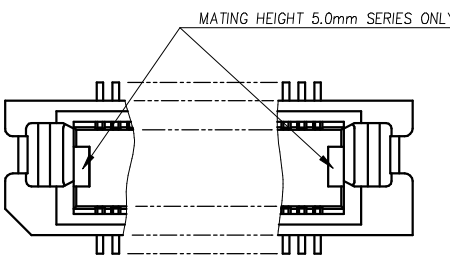
RECOMMENDED PCB LAYOUT (TOP VIEW)

SEE NOTES: 4

802PVS-120&%%R-@	120	35.4	38.7	41.0	42.6	40.2	41.5
802PVS-100&%%R-@	100	29.4	32.7	35.0	36.6	34.2	35.5
802PVS-080&%%R-@	80	23.4	26.7	29.0	30.6	28.2	29.5
802PVS-060&%%R-@	60	17.4	20.7	23.0	24.6	22.2	23.5
802PVS-050&%%R-@	50	14.4	17.7	20.0	21.6	19.2	20.5
802PVS-040&%%R-@	40	11.4	14.7	17.0	18.6	16.2	17.5
802PVS-030&%%R-@	30	8.4	11.7	14.0	15.6	13.2	14.5
802PVS-020&%%R-@	20	5.4	8.7	11.0	12.6	10.2	11.5

Part Number	Pos	A	B	C	D	E	F
DIMENSION							

X. ±	
.X ± 0.25	
.XX ± 0.13	
.XXX ±	
X°. ±	
X° ±	
UNIT: mm	
SCALE: 5:1	

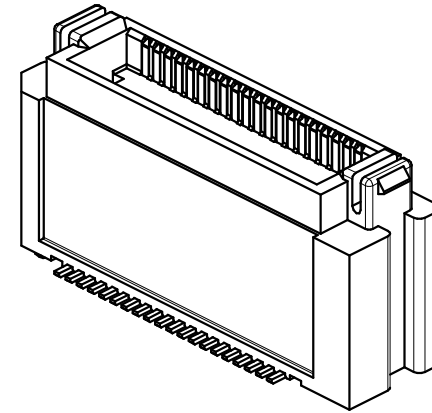
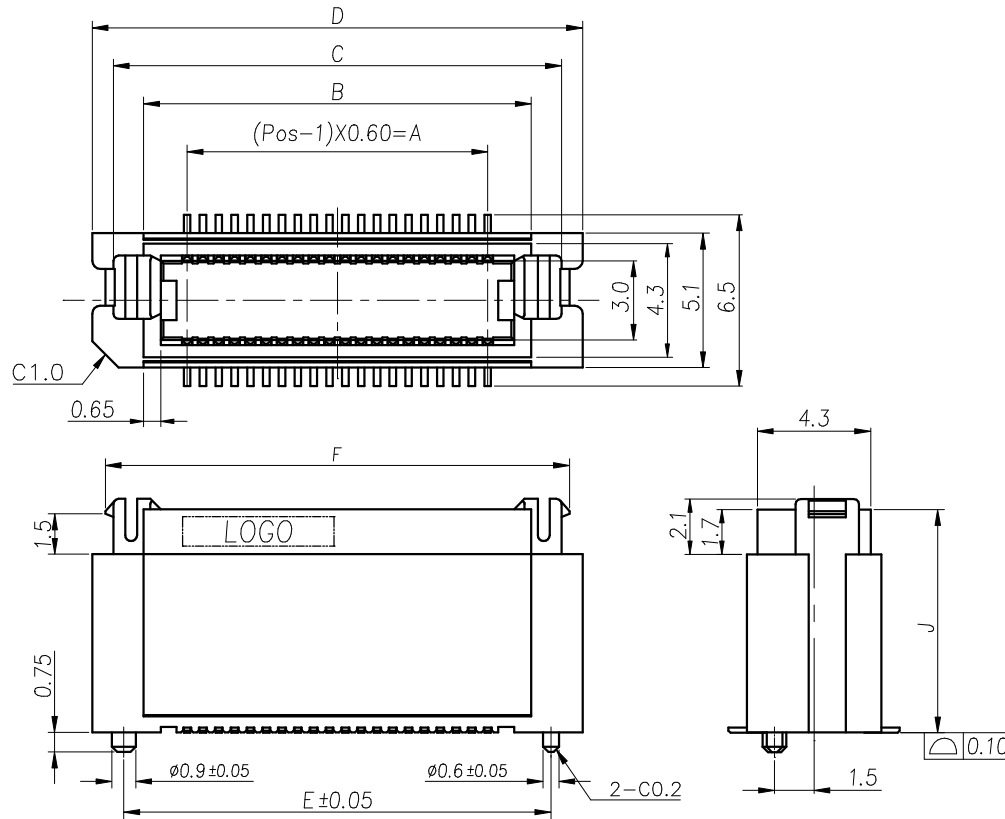


HannStar Electronics Corp.

APPD: Vani Yin 03/14'02	TITLE: 0.6mm PITCH BORAD TO BOARD CONNECTOR, V/T, SMT PLUG
CHKD:	DWG NO: 802PVS-000A
DR: Woody Chen 03/13'02	SHEET: 1/4 REV: I

I	EP020041	Vani Yin 03/14'02
H	EP010533	Roger Tasi 11/08'01
REV.	ECN NO.	APPD.

FOR MATING HEIGHT 7.0~9.0mm



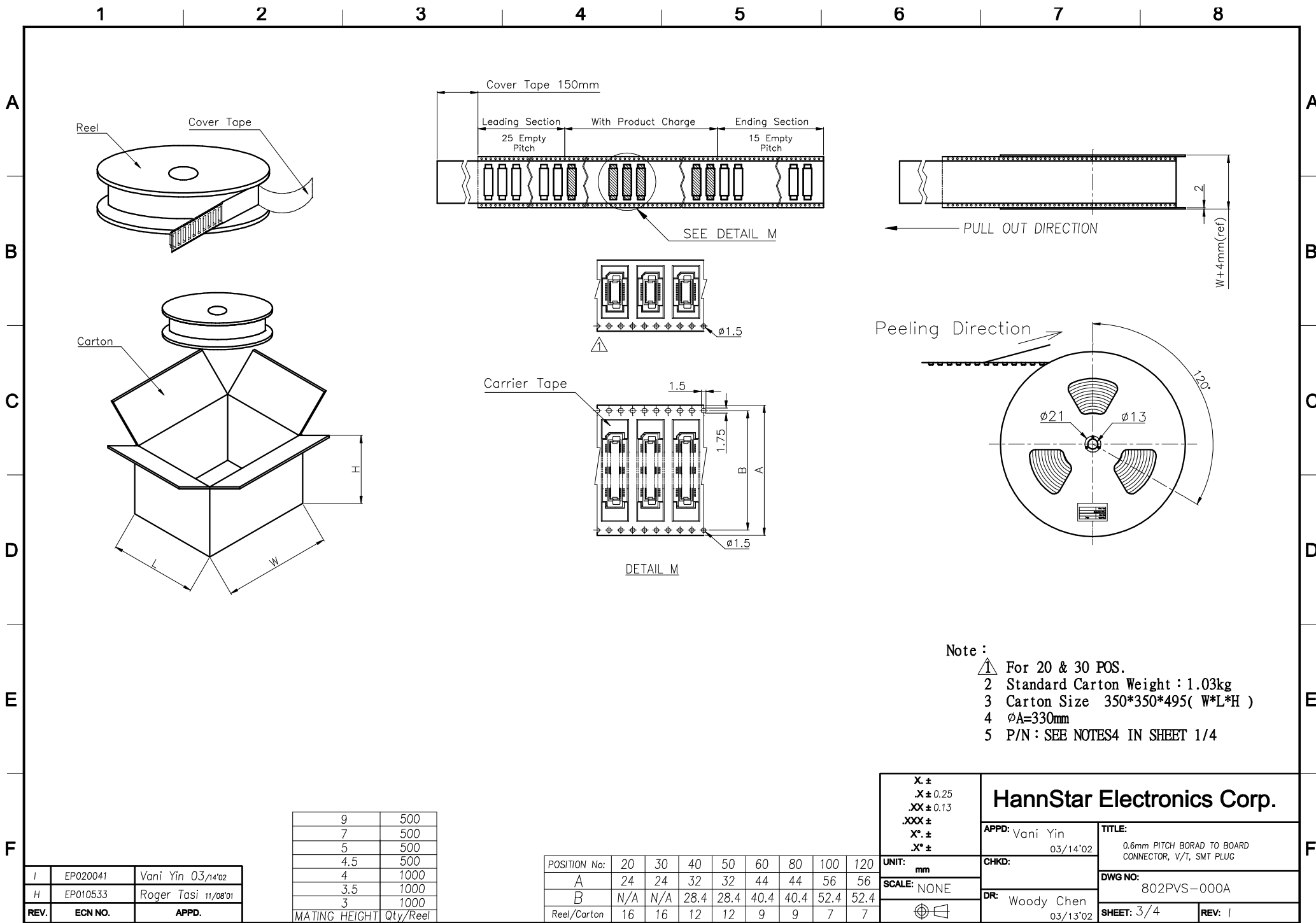
9.0	8.45
7.0	6.45
MATING HEIGHT	J

802PVS-120&%%R-@	120	35.4	38.7	41.0	42.6	40.2	41.5
802PVS-100&%%R-@	100	29.4	32.7	35.0	36.6	34.2	35.5
802PVS-080&%%R-@	80	23.4	26.7	29.0	30.6	28.2	29.5
802PVS-060&%%R-@	60	17.4	20.7	23.0	24.6	22.2	23.5
802PVS-050&%%R-@	50	14.4	17.7	20.0	21.6	19.2	20.5
802PVS-040&%%R-@	40	11.4	14.7	17.0	18.6	16.2	17.5
802PVS-030&%%R-@	30	8.4	11.7	14.0	15.6	13.2	14.5
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Part Number	Pos	A	B	C	D	E	F
DIMENSION							

X. ± .X ± 0.25 .XX ± 0.13 .XXX ± X° ± X° ±	UNIT: mm SCALE: 5:1	HannStar Electronics Corp.
APPD: Vani Yin 03/14'02	CHKD:	TITLE: 0.6mm PITCH BORAD TO BOARD CONNECTOR, V/T, SMT PLUG
DR: Woody Chen 03/13'02	SHEET: 2/4	DWG NO: 802PVS-000A
REV:	REV: I	

I	EP020041	Vani Yin 03/14'02
H	EP010533	Roger Tasi 11/08'01
REV.	ECN NO.	APPD.



1

2

3

4

A

PERFORMANCE CRITERION

1.Electrical—

Voltage Rating :50V AC

Current Rating :0.5A/Contact

Contact Resistance :50m Ω Max Initial, After
Condition $\Delta R=20m\Omega$ Max

Insulation Resistance :100M Ω Min

Dielectric Withstanding Voltage :200V AC r.m.s.

B

2.Mechanical—

Mating Force :90g Max/Contact

Unmating Force :10g Min/Contact

Durability :500 Times for Life Cycle

C

3.Environmental Temperature—

Operating :−40°C~+80°C

D

E

F

X.±
.X±
.XX±
.XXX±
X°.±
.X°.±

UNIT: mm

SCALE: NONE



HannStar Electronics Corp.

APPD: Vani Yin
03/14'02

CHKD:

DR: Woody Chen
03/13'02

TITLE:

0.6mm PITCH BORAD TO BOARD
CONNECTOR, V/T, SMT PLUG

DWG NO:

802PVS-000A

SHEET: 4/4

REV: I

I	EP020041	Vani Yin 03/14'02
H	EP010533	Roger Tasi 11/08'01
REV.	ECN NO.	APPD.