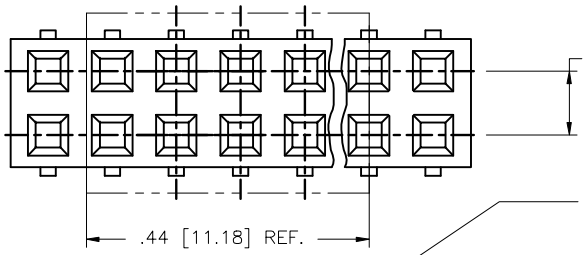
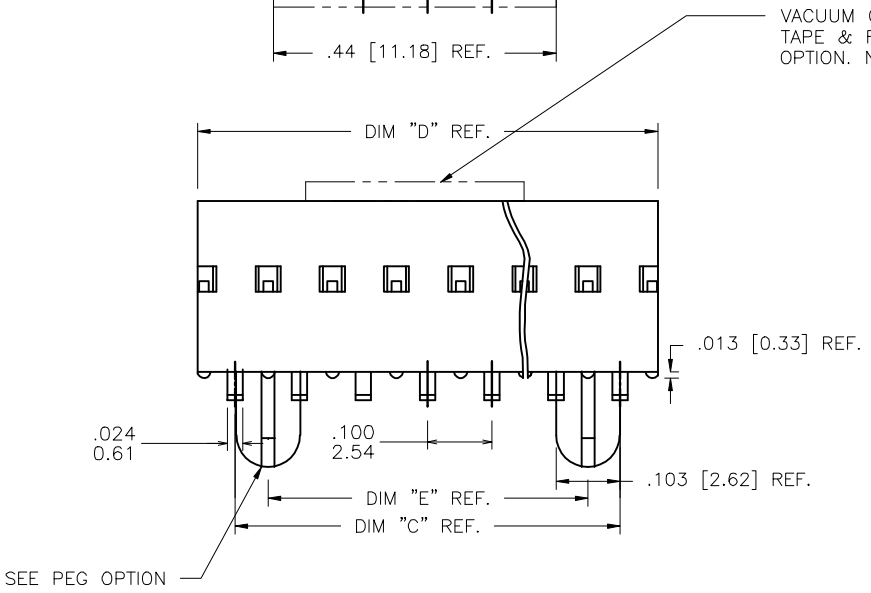
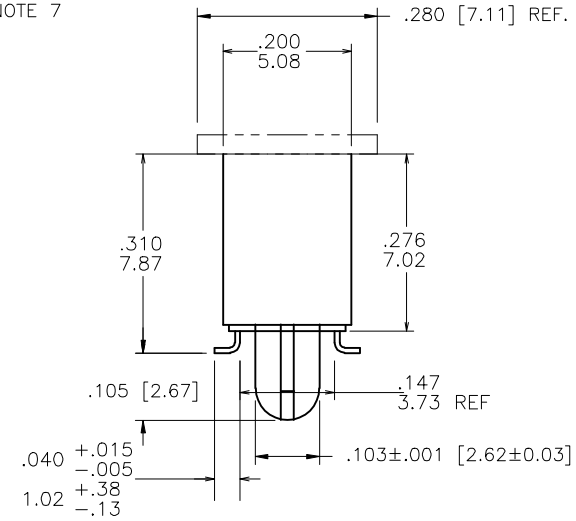
PRODUCT NO.
SEE TABLE

68622 – XXX 2 _ LF
- LF — LEAD FREE OPTION
- 2 — PACKAGING OPTION NOTE8. OMIT IF NOT REQUIRED.
- XXX — HOUSING WITH SMALL ROUND PEGS. OMIT IF NOT REQUIRED. SEE CONFIGURATION PAGE 3
- XXX — NO. OF POSITIONS PER ROW
- 68622 — PLATING CODE, BASE PART NUMBER







mat'l. code				surface	tolerance	projection	product family
SEE NOTES 1,3 & 7				ISO 1302	ISO 406 ISO 1101		DUBOX
ltr	ecn no	dr	date	tolerances unless otherwise specified			title
P	V03-0309	HTB	4/28/03	angles	linear .XX±.01/.X±0.3	INCH/MM	SMT DOUBLE ROW
R	V05-0463	DPU	06/28/05		.XXX±.005/.XX±0.13		LATCHED VCC ASSEMBLY
S	M06-0237	MN	06/19/06	0°±2°	.XXXX±.0020/.XXX±0.051	scale 1:1	
T	M06-0433	AGS	10/31/06	dr J. SHREINER	12/18/90		dwg no 68622 sheet 1 of 5 size A3
U	M07-0203	AGS	05/02/07	engr M. HAHN	12/18/90		
V	M09-0032	MHT	02/25/09	chr M. HAHN	12/18/90		type Product Customer Drawing
W	M09-0057	MHT	3/25/09	appd M. HAHN	12/18/90		

sheet	revision	W	W	W	W	W
index	sheet	1	2	3	4	5

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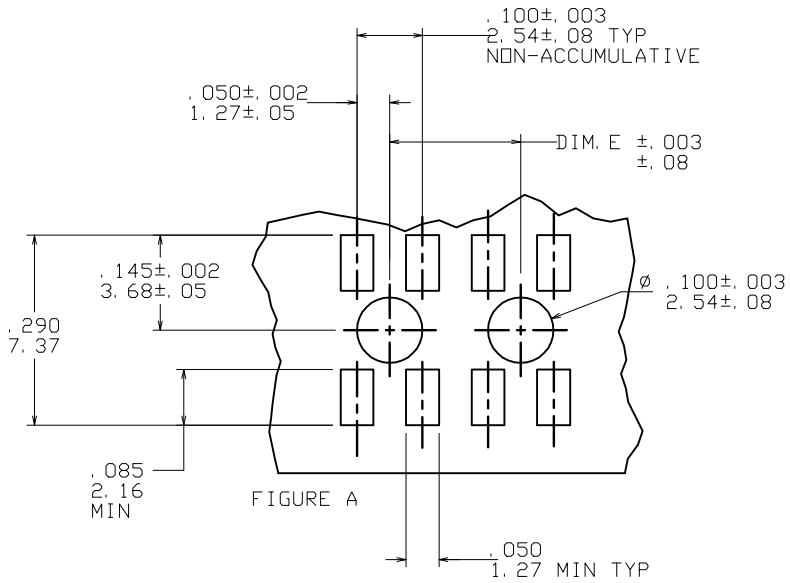


FIGURE A

STANDARD PCB RECOMMENDED

NOTES:

(1) MATERIAL TERMINAL: PHOSPHOR BRONZE, EXTRA HARD.

2. RECOMMENDED APPLICATION DATA:
   - A. RECOMMENDED SOLDER PAD PATTERN IS SHOWN IN FIGURE A.
   - B. ALL MATING PINS TO BE .025/.64 SQUARE ON TRUE CENTER OF GIVEN TERMINAL SPACING WITHIN .015/.38 DIA.
   - C. SUGGESTED MATING PIN LENGTH .210 ±.020/5.33 ±.51.

(3) MATERIAL HOUSING: G.F. POLYESTER,COLOR: BLACK FLAME RETARDANT PER UL 94 –V0
THIS PART WILL WITHSTAND EXPOSURES TO 260°C PEAK TEMPERATURE FOR 20 SECONDS IN WAVE SOLDER, INFRA-RED OR VAPOR PHASE SOLDER PROCESS.

4. PRESTAMPED POST PLATED TERMINALS.

5. TAPE AND REEL PACKAGING PER GES-14-334.

6. TAPE AND REEL PACKAGING FOR 24mm WIDE AND BELOW HAVE PILOT HOLES ON ONE SIDE OF TAPE ONLY. SIZES ABOVE 24mm HAVE PILOT HOLES ON BOTH SIDES OF TAPE.

(7.) VACUUM PICK-UP CAP MATERIAL: L.C.P. FLAME RETARDANT PER UL 94V-0.
COLOR: BLACK

8. ADD SUFFIX "P" TO PART DASH NUMBER FOR TAPE AND REEL PACKAGING.
EXAMPLE: 68622-XXXP

9. MAXIMUM LENGTH OF CONNECTOR FOR TAPE AND REEL PACKAGING IS 2.50 INCHES LONG/63.5 MM.

10. TAPE & REEL PACKAGING 72mm WIDE TAPE WITH 16mm POCKET PITCH.

(11.) TAPE & REEL PACKAGING 88mm WIDE TAPE WITH 12mm POCKET PITCH.

12. FCI, FCI FINAL PART NUMBER AND DATE CODE TO BE MARKED ON TUBE LABEL.

(13.) ADD LF SUFFIX AT THE END OF PART NUMBER FOR LEAD FREE OPTION.

14. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATION AS DESCRIBED IN GS-22-008.

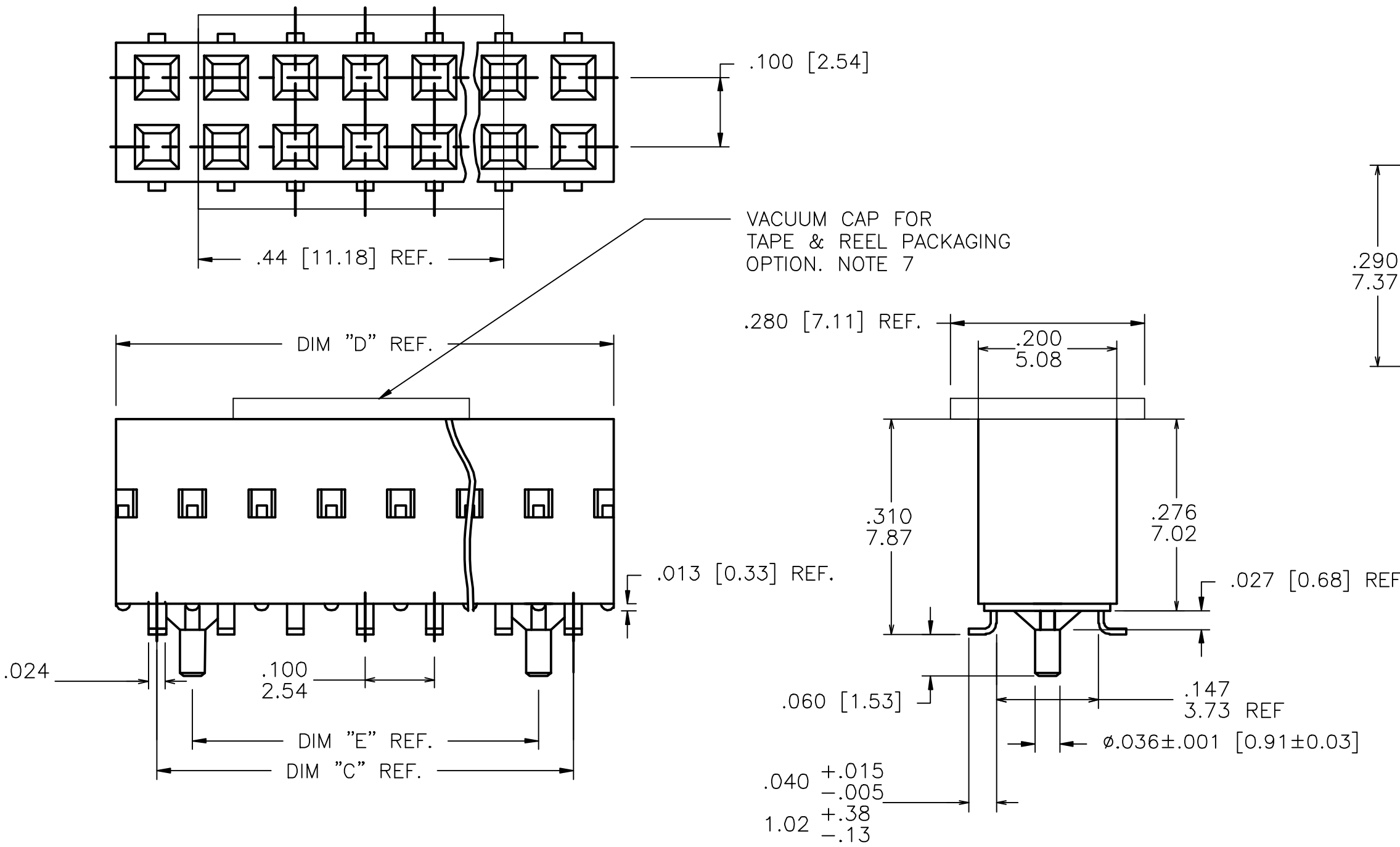
(15) PLATING OPTIONS:
MAY BE EITHER GOLD OR GXT PLATED AT MANUFACTURER'S OPTION.

mat'l code: SEE NOTES 1,3 & 7				surface: ISO 1302		tolerance: ISO 406 ISO 1101		projection	product family: DUBOX						
ltr	ecn no	dr	date	tolerances unless otherwise specified					title: SMT DOUBLE ROW LATCHED VCC ASSEMBLY						
W				angles: 0°±2°	linear	.XX±.01/.X±0.3	.XXX±.005/.XX±0.13	.XXXX±.0020/.XXX±0.051	INCH/MM	scale 1:1					
				dr	J. SHREINER	12/18/90			dwg no: 68622	sheet 2 of 5	size: A3				
				engr	M. HAHN	12/18/90									
				chr	M. HAHN	12/18/90									
				appd	M. HAHN	12/18/90			type: Product Customer Drawing						
sheet index	revision sheet														

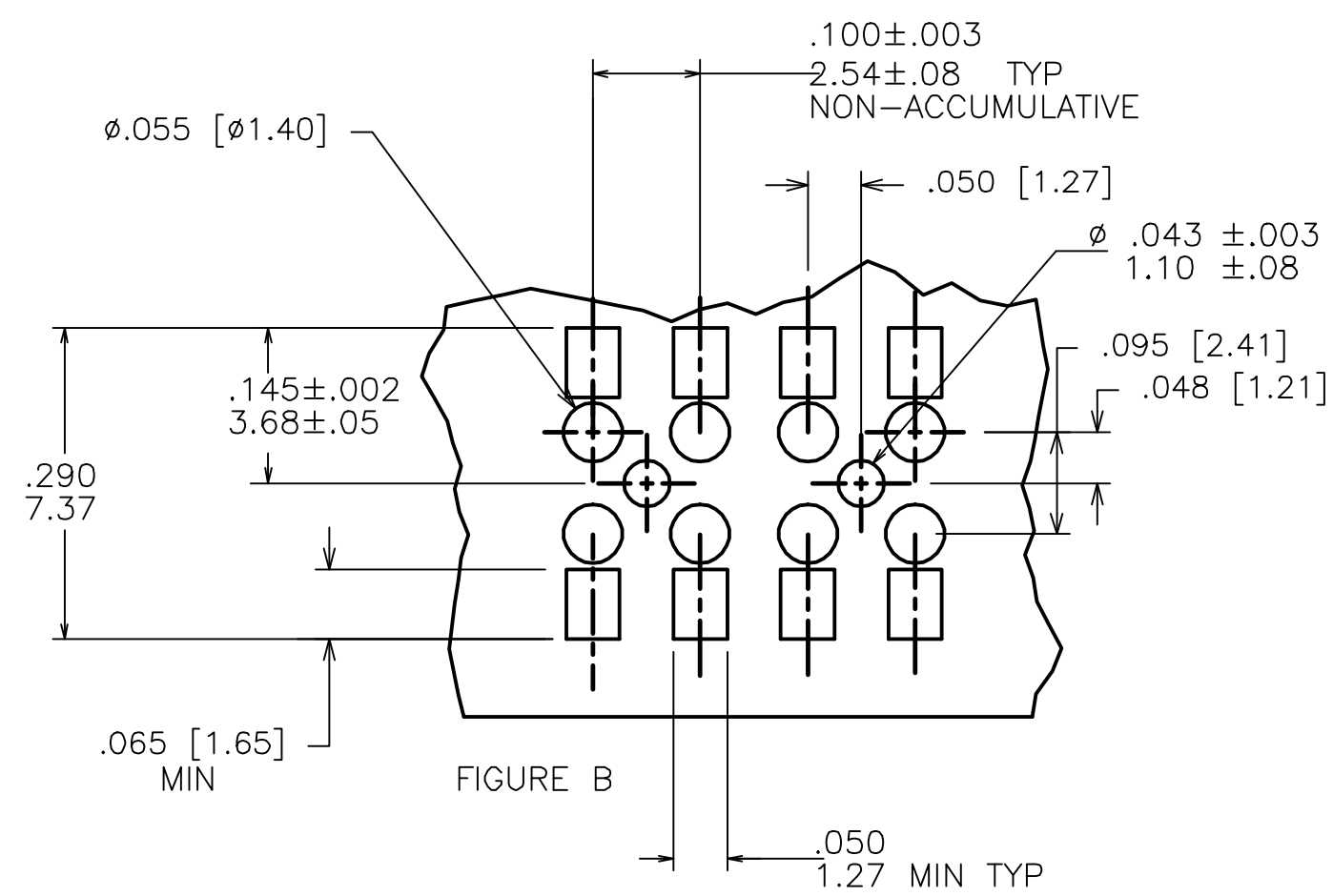
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PRODUCT NO NOTE 13	PLATING CONTACT AREA	PLATING SOLDER TAIL	MATERIAL REF.	
68622-2XX	15u"/.38u Au MIN OVER 50u"/1.27u Ni MIN SEE NOTE 15	100u"/160u" Sn 2.54u/4.06u	NOTE 3 & 4	NOTE 13
68622-3XX	30u"/.76u Au MIN OVER 50u"/1.27u Ni MIN SEE NOTE 15	100u"/160u" Sn 2.54u/4.06u	NOTE 3 & 4	NOTE 13
68622-6XX	30u"/.76u Au MIN OVER 50u"/1.27u Ni MIN SEE NOTE 15	100u"/160u" Sn 2.54u/4.06u	NOTE 3 & 4	NOTE 13



SMALL ROUND PEGS



SMALL ROUND PEGS
PCB RECOMMENDED

mat'l. code SEE NOTES 1,3 & 7	surface ISO 1302	tolerance ISO 406 ISO 1101	projection	product family DUBOX
ltr W / ecn no / dr / date	tolerances unless otherwise specified; angles 0°±2°; linear .XX±.01/.X±0.3, .XXX±.005/.XX±0.13, .XXXX±.0020/.XXX±0.051		INCH/MM scale 1:1	title SMT DOUBLE ROW LATCHED VCC ASSEMBLY
	dr J. SHREINER 12/18/90			dwg no 68622 sheet 3 of 5 size A3
	engr M. HAHN 12/18/90			
	chr M. HAHN 12/18/90			
	appd M. HAHN 12/18/90			type Product Customer Drawing
sheet index	revision sheet			

form: A3

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PRODUCT NO. NOTE 13	NO. OF POSITION	C DIM	D DIM	E DIM	TAPE & REEL PACKAGING	LF OPTIONS
68622-Y04	2 X 4	.300/7.62	.417/10.59	.200/ 5.08	NO	NOTE 13
-Y05	2 X 5	.400/10.16	.517/13.13	.300/ 7.62	NO	
-Y06	2 X 6	.500/12.70	.617/15.67	.400/10.16	NO	
-Y07	2 X 7	.600/15.24	.717/18.21	.500/12.70	NO	
-Y08	2 X 8	.700/17.78	.817/20.75	.600/15.24	NO	
-Y09	2 X 9	.800/20.32	.917/23.29	.700/17.78	NO	
-Y10	2 X 10	.900/22.86	1.017/25.83	.800/20.32	NO	
-Y11	2 X 11	1.000/25.40	1.117/28.37	.900/22.86	NO	
-Y12	2 X 12	1.100/27.94	1.217/30.91	1.000/25.40	NO	
-Y13	2 X 13	1.200/30.48	1.317/33.45	1.100/27.94	NO	
-Y14	2 X 14	1.300/33.02	1.417/35.99	1.200/30.48	NO	
-Y15	2 X 15	1.400/35.56	1.517/38.53	1.300/33.02	NO	
-Y16	2 X 16	1.500/38.10	1.617/41.07	1.400/35.56	NO	
-Y17	2 X 17	1.600/40.64	1.717/43.61	1.500/38.10	NO	
-Y18	2 X 18	1.700/43.18	1.817/46.15	1.600/40.64	NO	
-Y19	2 X 19	1.800/45.72	1.917/48.69	1.700/43.18	NO	
-Y20	2 X 20	1.900/48.26	2.017/51.23	1.800/45.72	NO	
-Y21	2 X 21	2.000/50.80	2.117/53.77	1.900/48.26	NO	
-Y22	2 X 22	2.100/53.34	2.217/56.31	2.000/50.80	NO	
-Y23	2 X 23	2.200/55.88	2.317/58.85	2.100/53.34	NO	
-Y24	2 X 24	2.300/58.42	2.417/61.39	2.200/55.88	NO	
68622-Y25	2 X 25	2.400/60.96	2.517/63.93	2.300/58.42	NO	

mat'l. code: SEE NOTES 1,3 & 7
surface: ISO 1302
tolerance: ISO 406, ISO 1101
tolerances unless otherwise specified
projection
product family: DUBOX
title: SMT DOUBLE ROW LATCHED VCC ASSEMBLY

ltr	ecn no	dr	date
W			

angles: 0°±2°
linear: .XX±.01/.X±0.3; .XXX±.005/.XX±0.13; .XXXX±.0020/.XXX±0.051
INCH/MM
scale 1:1

dr	J. SHREINER	12/18/90
engr	M. HAHN	12/18/90
chr	M. HAHN	12/18/90
appd	M. HAHN	12/18/90

dwg no 68622 sheet 4 of 5 size A3
type Product Customer Drawing

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form: A3

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PRODUCT NO. NOTE 13	NO. OF POSITION	C DIM	D DIM	E DIM	TAPE & REEL PACKAGING	LF OPTIONS
68622-Y26	2 X 26	2.500/63.50	2.617/66.47	2.400/60.96	NO	
-Y27	2 X 27	2.600/66.04	2.717/69.01	2.500/63.50	NO	
-Y28	2 X 28	2.700/68.58	2.817/71.55	2.600/66.04	NO	
-Y29	2 X 29	2.800/71.12	2.917/74.09	2.700/68.58	NO	
-Y30	2 X 30	2.900/73.66	3.017/76.63	2.800/71.12	NO	
-Y31	2 X 31	3.000/76.20	3.117/79.17	2.900/73.66	NO	
-Y32	2 X 32	3.100/78.74	3.217/81.71	3.000/76.20	NO	
-Y33	2 X 33	3.200/81.28	3.317/84.25	3.100/78.74	NO	
-Y34	2 X 34	3.300/83.82	3.417/86.79	3.200/81.28	NO	
-Y35	2 X 35	3.400/86.36	3.517/89.33	3.300/83.82	NO	
-Y36	2 X 36	3.500/88.90	3.617/91.87	3.400/86.36	NO	
-Y37	2 X 37	3.600/91.44	3.717/94.41	3.500/88.90	NO	
-Y38	2 X 38	3.700/93.98	3.817/96.95	3.600/91.44	NO	NOTE 13
-Y39	2 X 39	3.800/96.52	3.917/99.49	3.700/93.98	NO	
-Y40	2 X 40	3.900/99.06	4.017/102.03	3.800/ 96.52	NO	
-Y41	2 X 41	4.000/101.60	4.117/104.57	3.900/99.06	NO	
-Y42	2 X 42	4.100/104.14	4.217/107.11	4.000/101.60	NO	
-Y43	2 X 43	4.200/106.68	4.317/109.65	4.100/104.14	NO	
-Y44	2 X 44	4.300/109.22	4.417/112.19	4.200/106.68	NO	
-Y45	2 X 45	4.400/111.76	4.517/114.73	4.300/109.22	NO	
-Y46	2 X 46	4.500/114.30	4.617/117.27	4.400/111.76	NO	
-Y47	2 X 47	4.600/116.84	4.717/119.81	4.500/114.30	NO	
-Y48	2 X 48	4.700/119.38	4.817/122.35	4.600/116.84	NO	
-Y49	2 X 49	4.800/121.92	4.917/124.89	4.700/119.38	NO	
68622-Y50	2 X 50	4.900/124.46	5.017/127.43	4.800/121.92	NO	
68622-Y25P	2 X 25	2.400/60.96	2.517/63.93	2.300/58.42	YES	NOTES 7&11

mat'l. code: SEE NOTES 1,3 & 7
surface: ISO 1302
tolerance: ISO 406, ISO 1101
tolerances unless otherwise specified
projection
product family: DUBOX
title: SMT DOUBLE ROW LATCHED VCC ASSEMBLY

ltr	ecn no	dr	date
W			

angles: 0°±2°
linear: .XX±.01/.X±0.3; .XXX±.005/.XX±0.13; .XXXX±.0020/.XXX±0.051
INCH/MM
scale 1:1

dr	J. SHREINER	12/18/90
engr	M. HAHN	12/18/90
chr	M. HAHN	12/18/90
appd	M. HAHN	12/18/90

dwg no 68622
sheet 5 of 5
size A3
type Product Customer Drawing

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