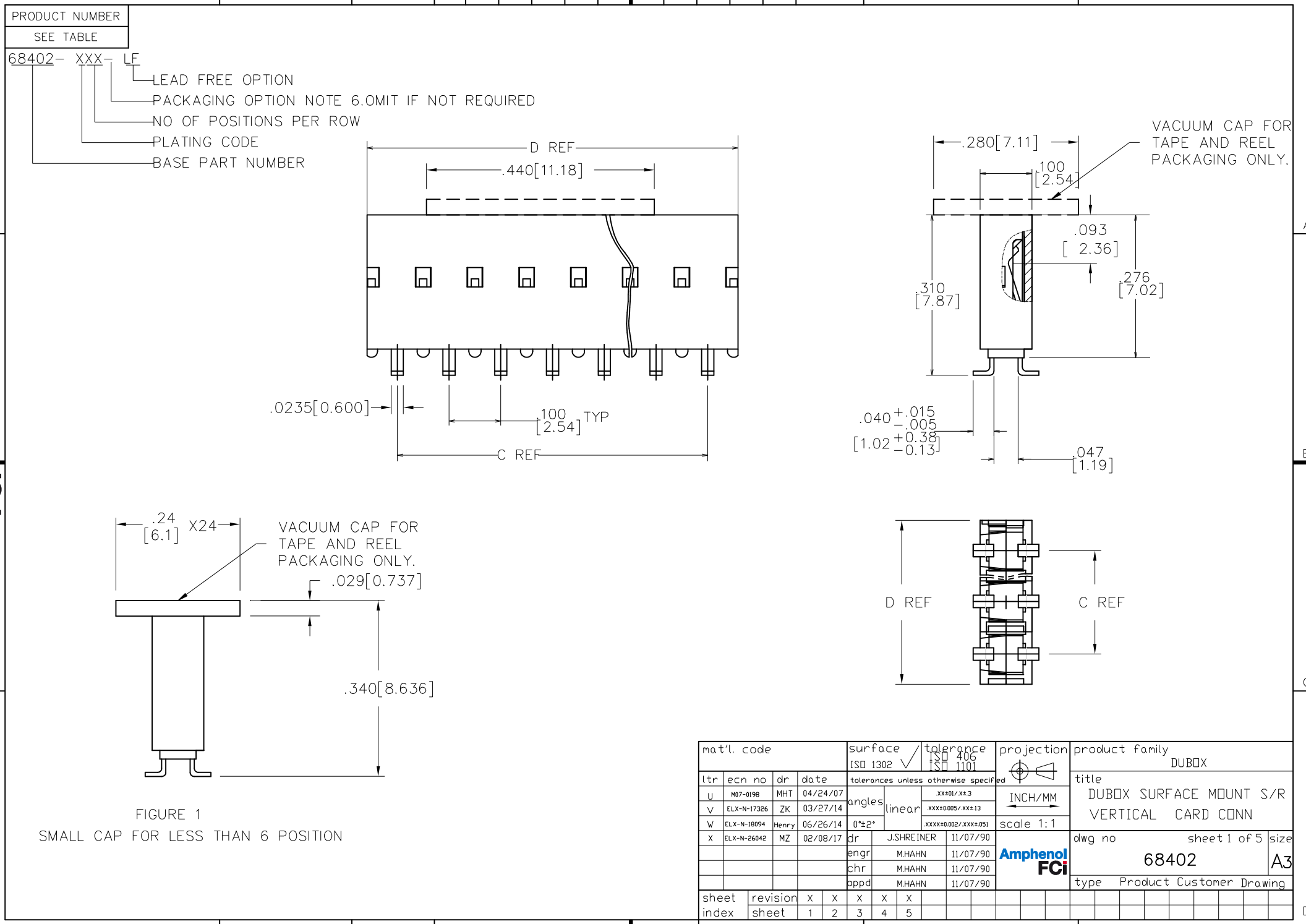




A

B

C

D

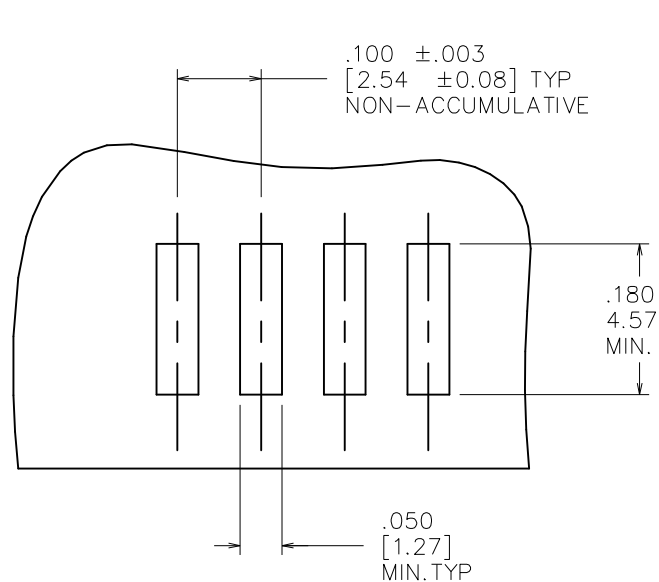


FIGURE A
TOP ENTRY
.025/.64 SQ PIN

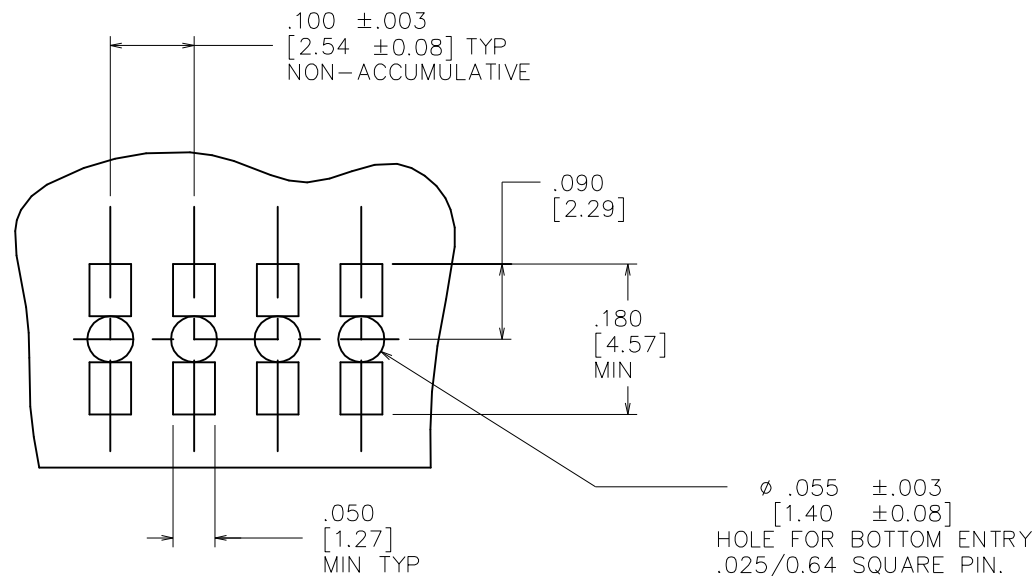


FIGURE B
BOTTOM ENTRY (THROUGH PWB)
.025/.64 SQ PIN

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mat'l. code				surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection ISO 406	product family DUBOX			
ltr	ecn no	dr	date	tolerances unless otherwise specified		INCH/MM	title DUBOX SURFACE MOUNT S/R VERTICAL CARD CONN			
x				angles	linear		dwg no 68402			
				0°±2°	linear					
				dr	J.SHREINER	11/07/90	sheet 2 of 5			
				enr	M.HAHN	11/07/90	size A3			
				chr	M.HAHN	11/07/90	type Product Customer Drawing			
				appd	M.HAHN	11/07/90				
sheet index	revision sheet									



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D

PRODUCT NO NOTE 14	PLATING CONTACT AREA NOTE 16	PLATING SOLDER TAIL	MATERIAL REF.	
68402-2XX	15u"/.38u Au OR GXT MIN OVER 50u"/1.27u NI MIN	100u"/160u" SN 2.54u/4.06u	NOTE 3 & 4	
68402-3XX	30u"/.76u Au OR GXT MIN OVER 50u"/1.27u NI MIN	100u"/160u" SN 2.54u/4.06u	NOTE 3 & 4	
68402-4XX	100u"/2.54u Sn MIN OVER 50u"/1.27u NI	100u"/160u" SN 2.54u/4.06u	NOTE 3 & 4	
68402-6XX	30u"/.76u Au OR GXT MIN OVER 50u"/1.27u NI MIN	100u"/160u" SN 2.54u/4.06u	NOTE 3 & 4	
68402-8XX	30u"/.76u Au MIN OVER 50u"/1.27u NI MIN	100u"/160u" SN 2.54u/4.06u	NOTE 3 & 4	OBSOLETE

A

B

C

D

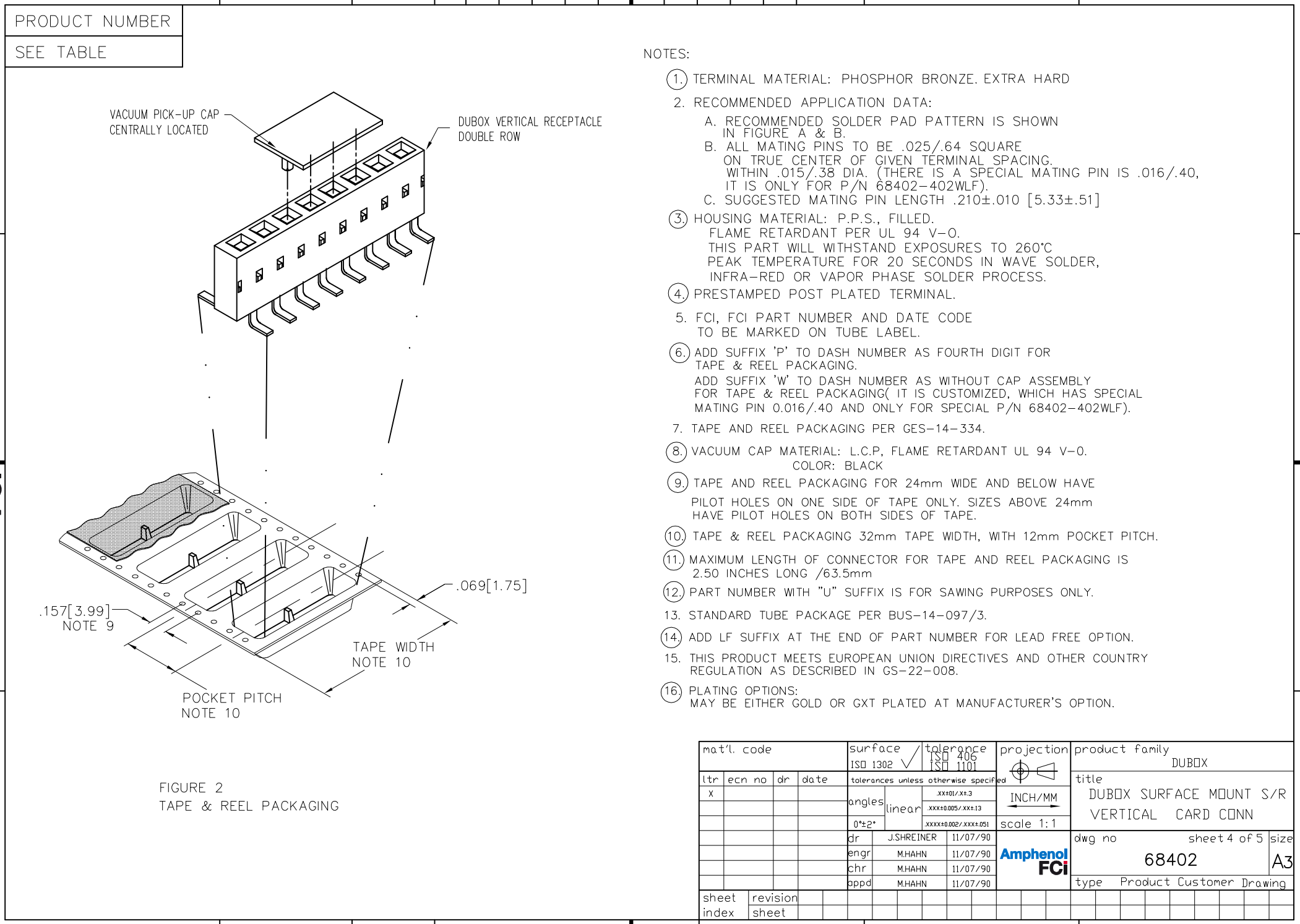
A

B

C

D

mat'l. code				surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection 	product family DUBOX			
ltr	ecn no	dr	date	tolerances unless otherwise specified		 INCH/MM	title DUBOX SURFACE MOUNT S/R VERTICAL CARD CONN			
X				angles	linear					
				0°±2°						
				dr	J.SHREINER	11/07/90		dwg no		sheet 3 of 5
				enr	M.HAHN	11/07/90		68402		size
				chr	M.HAHN	11/07/90				A3
				appd	M.HAHN	11/07/90		type		Product Customer Drawing
sheet	revision									
index	sheet									



- NOTES:
1. TERMINAL MATERIAL: PHOSPHOR BRONZE. EXTRA HARD
 2. RECOMMENDED APPLICATION DATA:
 - A. RECOMMENDED SOLDER PAD PATTERN IS SHOWN IN FIGURE A & B.
 - B. ALL MATING PINS TO BE .025/.64 SQUARE ON TRUE CENTER OF GIVEN TERMINAL SPACING. WITHIN .015/.38 DIA. (THERE IS A SPECIAL MATING PIN IS .016/.40. IT IS ONLY FOR P/N 68402-402WLF).
 - C. SUGGESTED MATING PIN LENGTH .210±.010 [5.33±.51]
 3. HOUSING MATERIAL: P.P.S., FILLED.
FLAME RETARDANT PER UL 94 V-0.
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 TERMINAL.
 5. FCI, FCI PART NUMBER AND DATE CODE TO BE MARKED ON TUBE LABEL.
 6. ADD SUFFIX 'P' TO DASH NUMBER AS FOURTH DIGIT FOR TAPE & REEL PACKAGING.
ADD SUFFIX 'W' TO DASH NUMBER AS WITHOUT CAP ASSEMBLY FOR TAPE & REEL PACKAGING(IT IS CUSTOMIZED, WHICH HAS SPECIAL MATING PIN 0.016/.40 AND ONLY FOR SPECIAL P/N 68402-402WLF).
 7. TAPE AND REEL PACKAGING PER GES-14-334.
 8. VACUUM CAP MATERIAL: L.C.P, FLAME RETARDANT UL 94 V-0.
COLOR: BLACK
 9. 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.
 10. TAPE & REEL PACKAGING 32mm TAPE WIDTH, WITH 12mm POCKET PITCH.
 11. MAXIMUM LENGTH OF CONNECTOR FOR TAPE AND REEL PACKAGING IS 2.50 INCHES LONG /63.5mm
 12. PART NUMBER WITH "U" SUFFIX IS FOR SAWING PURPOSES ONLY.
 13. STANDARD TUBE PACKAGE PER BUS-14-097/3.
 14. ADD LF SUFFIX AT THE END OF PART NUMBER FOR LEAD FREE OPTION.
 15. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATION AS DESCRIBED IN GS-22-008.
 16. PLATING OPTIONS:
MAY BE EITHER GOLD OR GXT PLATED AT MANUFACTURER'S OPTION.

mat'l. code				surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection ISO 1101	product family DUBOX			
ltr	ecn no	dr	date	tolerances unless otherwise specified		INCH/MM	title DUBOX SURFACE MOUNT S/R VERTICAL CARD CONN			
x				angles	linear					
					.XX±01/XX±3					
					.XXX±0.005/XX±13					
				0°±2°	.XXXX±0.002/XXX±051	scale 1:1				
				dr	J.SHREINER	11/07/90	Amphenol FCI	dwg no		sheet 4 of 5
				enr	M.HAHN	11/07/90		68402		size
				chr	M.HAHN	11/07/90				A3
				appd	M.HAHN	11/07/90		type		Product Customer Drawing
sheet index	revision sheet									

PRODUCT NO.		NO. OF POSITIONS	C DIM	D DIM	TAPE & REEL PACKAGING	LF OPTIONS
68402-Y02	1 X 2	.100/2.540	.217/5.511	NO	NOTE 14	NOTE 12 NOTE 6
-Y03	1 X 3	.200/5.080	.317/8.051	NO		
-Y04	1 X 4	.300/7.620	.417/10.591	NO		
-Y05	1 X 5	.400/10.160	.517/13.131	NO		
-Y06	1 X 6	.500/12.700	.617/15.671	NO		
-Y07	1 X 7	.600/15.240	.717/18.211	NO		
-Y08	1 X 8	.700/17.780	.817/20.751	NO		
-Y09	1 X 9	.800/20.320	.917/23.291	NO		
-Y10	1 X 10	.900/22.860	1.017/25.831	NO		
-Y11	1 X 11	1.000/25.400	1.117/28.371	NO		
-Y12	1 X 12	1.100/27.940	1.217/30.911	NO		
-Y13	1 X 13	1.200/30.480	1.317/33.451	NO		
-Y14	1 X 14	1.300/33.020	1.417/35.991	NO		
-Y15	1 X 15	1.400/35.560	1.517/38.531	NO		
-Y16	1 X 16	1.500/38.100	1.617/41.071	NO		
-Y17	1 X 17	1.600/40.640	1.717/43.611	NO		
-Y18	1 X 18	1.700/43.180	1.817/46.151	NO		
-Y19	1 X 19	1.800/45.720	1.917/48.691	NO		
-Y20	1 X 20	1.900/48.260	2.017/51.231	NO		
-Y21	1 X 21	2.000/50.800	2.117/53.771	NO		
-Y22	1 X 22	2.100/53.340	2.217/56.311	NO		
-Y23	1 X 23	2.200/55.880	2.317/58.851	NO		
-Y24	1 X 24	2.300/58.420	2.417/61.391	NO		
-Y25	1 X 25	2.400/60.960	2.517/63.931	NO		
68402-Y26	1 X 26	2.500/63.50	2.617/66.47	NO		
68402-Y26U	1 X 26	2.500/63.50	2.617/66.47	NO		
68402-Y06P	1 X 6	.500/12.700	.617/15.671	YES		
68402-Y27-Y50	— —	— — — — —	— — — — —	— — — — —	NOT AVAILABLE	

mat'l. code				surface  tolerance ISO 1302  ISO 406 ISO 1101		projection 		product family DUBOX			
ltr	ecn no	dr	date	tolerances unless otherwise specified		 INCH/MM	title DUBOX SURFACE MOUNT S/R VERTICAL CARD CONN				
x				angles	linear						
				0°±2°			scale 1:1				
				dr	J.SHREINER	11/07/90		dwg no		sheet 5 of 5	size
				enr	M.HAHN	11/07/90		68402		A3	
				chr	M.HAHN	11/07/90					
				appd	M.HAHN	11/07/90		type Product Customer Drawing			
sheet index		revision sheet									

Mouser Electronics

Authorized Distributor

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