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PRODUCT NUMBER

SEE TABLE

68617 -XXX -LF

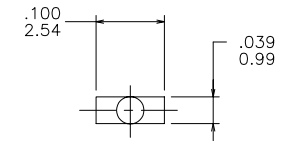
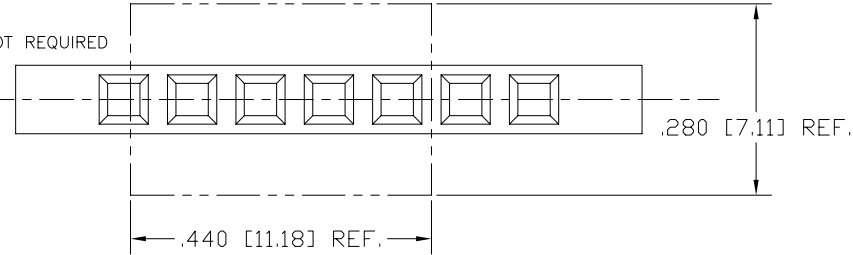
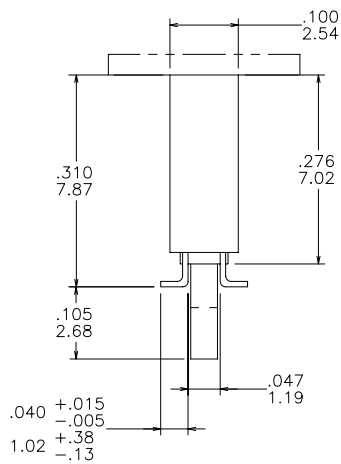
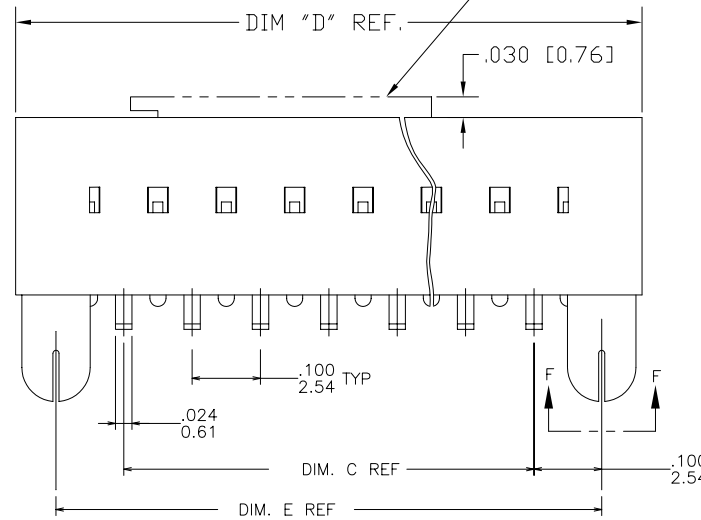
LEAD FREE OPTION

PACKAGING OPTION NOTE 10. OMIT IF NOT REQUIRED

NO OF POSITIONS PER ROW

PLATING CODE

BASE PART NUMBER

VIEW F-F
SCALE 10/1VACUUM CAP FOR TAPE & REEL
PACKAGING OPTION. SEE NOTE 7

mat'l. code SEE NOTES 1, 3 & 8					surface ISO 1302 ✓		tolerance ISO 406 ISO 1101	projection  INCH/MM scale 1:1	product family DUBOX		
ltr	ecn	no	dr	date	tolerances unless otherwise specified				title		
R	V20732	GIP		04/17/02	angles linear	.XX ±.01/0.3			SMT SINGLE ROW		
S	V21654	GIP		10/15/02		.XXX ±.005/0.13			LATCHED VCC ASSEMBLY		
T	V03-0309	HTB		04/28/03		.XXXX ±.0020/0.051					
U	V05-0463	DPU		06/28/05	dr	J. SHREINER	10/07/90	FCI 	dwg no		
V	M06-0237	MN		06/17/06	enr	M. HAHN	10/07/90		sheet 1 of 5 size		
W	M06-0433	AGS		10/31/06	chr	M. HAHN	10/07/90		68617 A3		
X	M07-0198	MHT		4/24/07	appd	M. HAHN	10/07/90		type		
									Product Customer Drawing		
sheet	revision	X	X	X	X	X					
index	sheet	1	2	3	4	5					

form: A3

1

2

3

4

5

6

PRODUCT NO.
SEE TABLE

NOTES:

① TERMINAL MATERIAL: PHOSPHOR BRONZE.

2. RECOMMENDED APPLICATION DATA:

A. RECOMMENDED SOLDER PAD PATTERN IS SHOWN IN FIG. A & B.
B. ALL MATING PINS TO BE .025/-.64 SQUARE ON TRUE CENTER OF GIVEN TERMINAL SPACING WITHIN .015/0.38 DIA.
C. SUGGESTED MATING PIN LENGTH .210 ±.020/5.33±0.51.

③ HOUSING MATERIAL: FILLED P.P.S. COLOR: BLACK.
FLAME RETARDANT PER UL-94V-0,
COMPATIBLE WITH INFRA-RED SOLDERING.
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 FCI, FCI FINAL PART NUMBER AND DATE CODE
TO BE MARKED ON TUBE LABEL.

6. STANDARD PACKAGING PER BUS-14-097.

⑦ TAPE AND REEL PACKAGING PER GES-14-334.

⑧ TAPE AND REEL PACKAGING FOR 24mm WIDTH AND LESS WILL HAVE ONE
PILOT HOLE ON TAPE, ABOVE 24mm WIDTH TAPE WILL HAVE PILOT HOLES
ON BOTH SIDES.

⑨ VACUUM CAP MATERIAL: LCP
FLAME RETARDANT PER UL 94V-0.
VACUUM CAP P/N 71738-001
COLOR: BLACK

⑩ ADD SUFFIX "P" TO PART DASH NUMBER FOR TAPE & REEL PACKAGING.
EXAMPLE: 68617-XXXP

⑪ TAPE & REEL PACKAGING 44mm WIDE TAPE WITH 20mm POCKET PITCH.

⑫ TAPE & REEL PACKAGING 56mm WIDE TAPE WITH 20mm POCKET PITCH

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 & 8

litr
X

ecn no

dr

date

surface
ISO 1302 ✓

tolerance
ISO 406
ISO 1101

projection
INCH/MM
scale 1:1

product family
DUBOX

title
SMT SINGLE ROW
LATCHED VCC ASSEMBLY

dwg no
68617

sheet2 of 5

size
A3

type
Product Customer Drawing

revision
sheet

index

form: A3

1

2

3

4

5

6

The image shows a technical drawing template for an FCI assembly. It features a large rectangular area with a grid of horizontal and vertical lines. The grid is labeled with numbers 1 through 6 along the top and bottom edges, and letters A, B, C, and D along the left and right edges. In the top left corner, there is a box labeled 'PRODUCT NO.' with the instruction 'SEE TABLE'. Below this, there is a section for 'NOTES' containing 15 numbered items detailing material specifications, application data, and packaging requirements. At the bottom right, there is a detailed table with columns for material code, tolerances, projection, product family, title, drawing number, sheet count, size, and revision. The FCI logo is visible in the bottom right corner of the drawing area.

PDM: Rev:X STATUS:Released Printed: Dec 01, 2010

PRODUCT NO NOTE 13	PLATING CONTACT AREA NOTE 15	PLATING SOLDER TAIL	MATERIAL REF.
68617-2XX	15u"/.38u Au OR GXT MIN OVER 50u"/1.27u Ni MIN	100u"/160u" SN 2.54u"/4.06u"	NOTE 3 & 4
68617-3XX	30u"/.76u Au OR GXT MIN OVER 50u"/1.27u Ni MIN	100u"/160u" SN 2.54u"/4.06u"	NOTE 3 & 4
68617-6XX	30u"/.76u Au OR GXT MIN OVER 50u"/1.27u Ni MIN	100u"/160u" SN 2.54u"/4.06u"	NOTE 3 & 4
68617-8XX	30u"/.76u Au MIN OVER 50u"/1.27u Ni MIN	100u"/160u" SN 2.54u"/4.06u"	NOTE 3 & 4

OBSOLETE

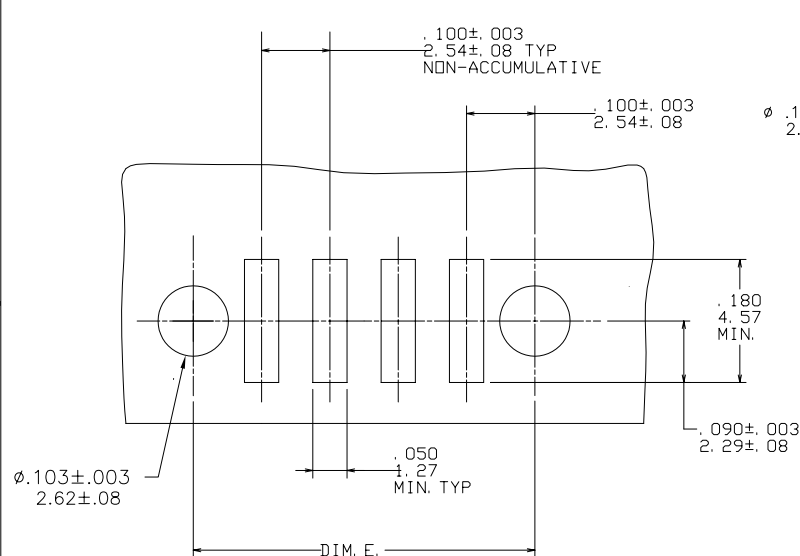


FIGURE A
TOP ENTRY
.025/.64 SQ PIN

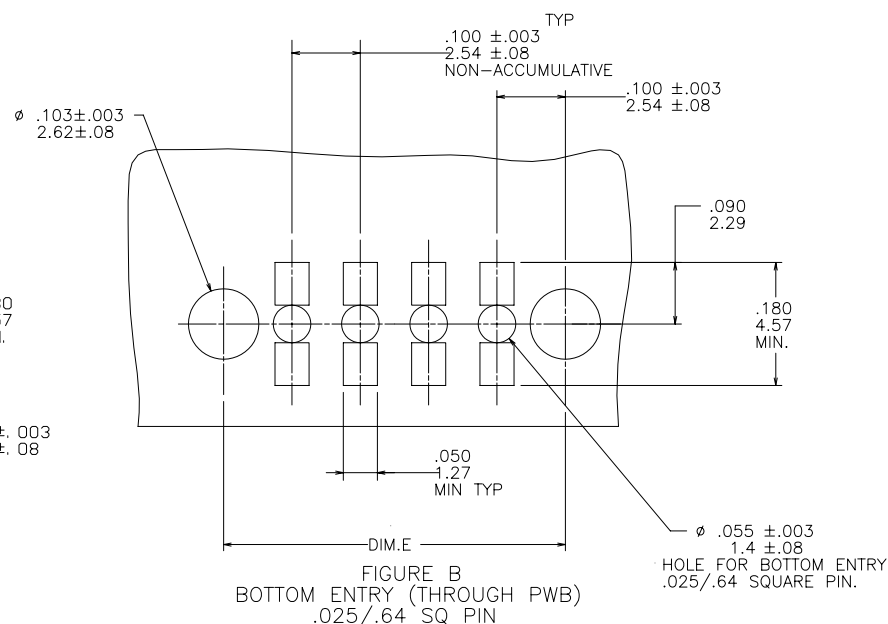


FIGURE B
BOTTOM ENTRY (THROUGH PWB)
.025/.64 SQ PIN

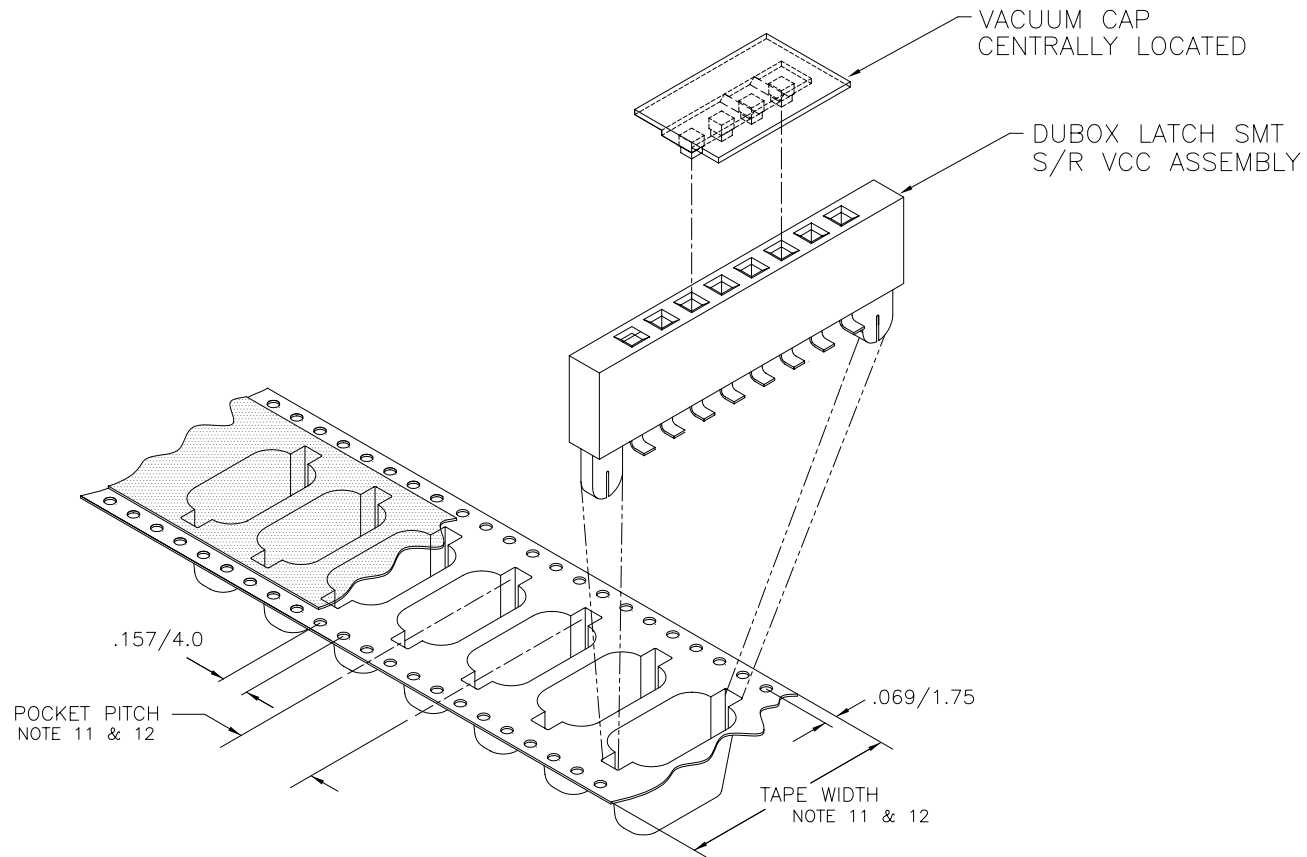
mat'l. code				surface		tolerance		projection		product family			
-				ISO 1302 ✓		ISO 406 ISO 1101				DUBOX			
ltr		ecn no		dr		date		tolerances unless otherwise specified				title	
X								INCH/MM		SMT SINGLE ROW			
								scale 1:1		LATCHED VCC ASSEMBLY			
										dwg no			
										sheet 3 of 5			
										68617			
										A3			
										type Product Customer Drawing			
sheet index		revision sheet											



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PRODUCT NO.
SEE TABLE



TAPE AND REEL PACKAGING ONLY

mat'l. code				surface		tolerance		projection		product family			
-				ISO 1302 ✓		ISO 406 ISO 1101				DUBOX			
ltr	ecn	no	dr	date		tolerances unless otherwise specified				title			
X						.XX ±01/0.3		 INCH/MM		SMT SINGLE ROW LATCHED VCC ASSEMBLY			
				angles		linear							
				0°±2'		.XXX ±.005/0.13 .XXXX ±.0025/0.051							
						scale 1:1				dwg no			
				dr		J. SHREINER 10/07/90				sheet4 of 5 size			
				engr		M. HAHN 10/07/90				68617			
				chr		M. HAHN 10/07/90				A3			
				appd		M. HAHN 10/07/90				type Product Customer Drawing			
sheet index		revision sheet											

form: A3



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PRODUCT NO NOTE 13	NO. OF POS.	DIM C	DIM D	DIM E	TAPE & REEL PACKAGING	LF OPTION
68617-Y02	1 X 2	.100/2.54	.417/10.59	.300/7.62	NO	NOTE 13
-Y03	1 X 3	.200/5.08	.517/13.13	.400/10.16	NO	
-Y04	1 X 4	.300/7.62	.617/15.67	.500/12.70	NO	
-Y05	1 X 5	.400/10.16	.717/18.21	.600/15.24	NO	
-Y06	1 X 6	.500/12.70	.817/20.75	.700/17.78	NO	
-Y07	1 X 7	.600/15.24	.917/23.29	.800/20.32	NO	
-Y08	1 X 8	.700/17.78	1.017/25.83	.900/22.86	NO	
-Y09	1 X 9	.800/20.32	1.117/28.37	1.000/25.40	NO	
-Y10	1 X 10	.900/22.86	1.217/30.91	1.100/27.94	NO	
-Y11	1 X 11	1.000/25.40	1.317/33.45	1.200/30.48	NO	
-Y12	1 X 12	1.100/27.94	1.417/35.99	1.300/33.02	NO	
-Y13	1 X 13	1.200/30.48	1.517/38.53	1.400/35.56	NO	
-Y14	1 X 14	1.300/33.02	1.617/41.07	1.500/38.10	NO	
-Y15	1 X 15	1.400/35.56	1.717/43.61	1.600/40.64	NO	
-Y16	1 X 16	1.500/38.10	1.817/46.15	1.700/43.18	NO	
-Y17	1 X 17	1.600/40.64	1.917/48.69	1.800/45.72	NO	
-Y18	1 X 18	1.700/43.18	2.017/51.23	1.900/48.26	NO	
-Y19	1 X 19	1.800/45.72	2.117/53.77	2.000/50.80	NO	
-Y20	1 X 20	1.900/48.26	2.217/56.31	2.100/53.34	NO	
-Y21	1 X 21	2.000/50.80	2.317/58.85	2.200/55.08	NO	
-Y22	1 X 22	2.100/53.34	2.417/61.39	2.300/58.42	NO	
-Y23	1 X 23	2.200/55.88	2.517/63.93	2.400/60.96	NO	
-Y24	1 X 24	2.300/58.42	2.617/66.47	2.500/63.50	NO	
-Y25	1 X 25	2.400/60.96	2.717/69.01	2.600/66.04	NO	
-Y26 THRU -Y50					NO	
-Y07P	1 X 7	.600/15.24	.917/23.29	.800/20.32	YES	
-Y08P	1 X 8	0.700/17.78	1.017/25.83	0.900/22.86	YES	
-Y09P	1 X 9	.800/20.32	1.117/28.37	1.000/25.40	YES	
68617-Y12P	1 X 12	1.100/27.94	1.417/35.99	1.300/33.02	YES	

OBSOLETE
NOTE 10 & 11
NOTE 10 & 11

mat'l. code				surface ISO 1302 ☒ ISO 406 ISO 1101		tolerance ISO 406 ISO 1101		projection 		product family DUBOX			
ltr				ecn		no		dr		date		title	
X												SMT SINGLE ROW LATCHED VCC ASSEMBLY	
												dwg no	
												sheet 5 of 5 size	
												68617 A3	
												type Product Customer Drawing	
sheet index				revision sheet									

form: A3

Mouser Electronics

Authorized Distributor

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