



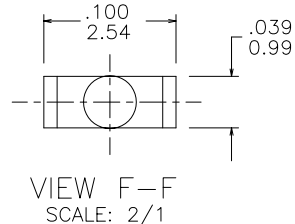
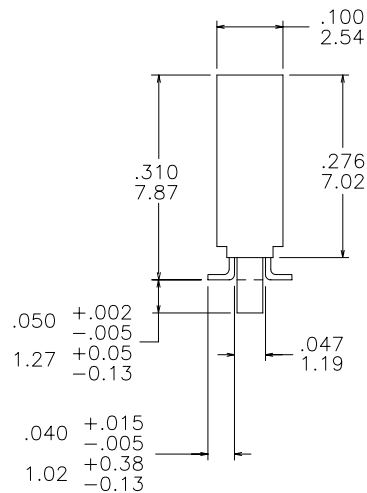
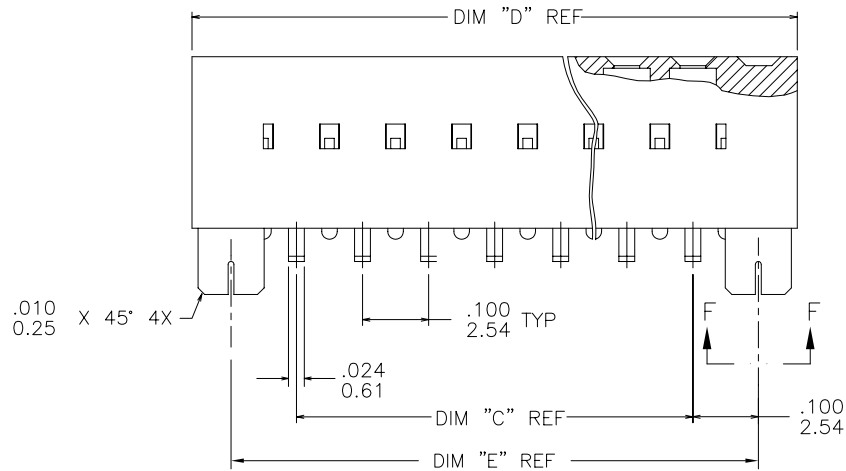
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PRODUCT NO.
SEE TABLE

95659 - XXX LF

LEAD FREE OPTION
PACKAGING OPTIONS NOTE 9. OMIT
IF NOT APPLICABLE.
NO. OF POSITIONS PER ROW
PLATING CODE
BASE PART NUMBER



NOTES:

- ①. TERMINAL MATERIAL: PHOSPHOR BRONZE.
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.
 - C. SUGGESTED MATING PIN LENGTH .210±.010 [5.33±.51]
- ③. HOUSING MATERIAL: P.P.S. FILLED. FLAME RETARDANT PER UL-94V-0. THIS PART WILL WITHSTAND EXPOSURES TO 260°C PEAK TEMPERATURE FOR 20 SECONDS IN WAVE SOLDER, INFRA-RED OR VAPOR PHASE SOLDER PROCESS. COLOR: BLACK.
- ④. PRESTAMPED POST PLATED TERMINALS.
TERMINAL PLATING:
TERMINAL CONTACT AREA:
30 MICROINCH/.8 MICRON GOLD OVER
50 MICROINCH/1.27 MICRON MIN NICKEL.
SOLDERTAIL :
200 MICROINCH/5.08 MICRON TIN LEAD MIN.
OVER 50 MICROINCH/1.27 MICRON NICKEL.
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. VACUUM PICK-UP CAP MATERIAL: LCP. FLAME RETARDANT PER UL 94V-0
COLOR: NATURAL.
9. PART NUMBERS WITH SUFFIX "P" ADDED TO DASH NUMBER INDICATES TAPE AND REEL PACKAGING.
10. TAPE AND REEL PACKAGING FOR 24mm WIDE AND LESS WILL HAVE ONE PILOT HOLE ON TAPE. ABOVE 24mm WILL HAVE PILOT HOLES ON BOTH SIDES OF TAPE.
11. TAPE & REEL PACKAGING 32mm TAPE WIDTH, WITH 12mm POCKET PITCH.
- ⑫. ADD LF SUFFIX AT THE END OF PART NUMBER FOR LEAD FREE OPTION.
13. THESE PRODUCTS MEET EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATION AS DESCRIBED IN GS-22-008.
- ⑭. PLATING OPTIONS:
MAY BE EITHER GOLD OR GXT PLATED AT MANUFACTURER'S OPTION.

mat'l. code NOTE 1, 3 & 8		surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection INCH/MM	product family DUBOX
ltr	ecr	no	dr	date	tolerances unless otherwise specified
K	V00503	MDF	2/24/00	angles	linear .XX ±.01/.3
L	V20155	GIP	2/04/02	linear	.XXX ±.005/.13
M	V03-0311	HTB	05/29/03	0'±2'	.XXXX ±.0020/.051
N	V05-0463	SV	06/15/05	dr	G.HULL 02/16/95
P	M06-0237	MN	06/19/06	enr	H.SUNDY 02/16/95
R	M06-0433	AGS	10/31/06	chr	H.SUNDY 02/16/95
S	M07-0198	MHT	4/30/05	appd	H.SUNDY 02/16/95
sheet	revision	S	S	S	S
index	sheet	1	2	3	4



title
DUBOX LATCHED SMT
S/R VCC ASS'Y

dwg no
95659

sheet 1 of 4 size
A3

type Product Customer Drawing

form: A3

PRODUCT NO NOTE 12	PLATING CONTACT AREA		PLATING SOLDER TAIL	
SEE TABLE				
95659-6XX	30u"/.76u Au OVER 50u"/1.27u Ni MIN SEE NOTE 14		100u"/160u" SN 2.54u/4.06u	

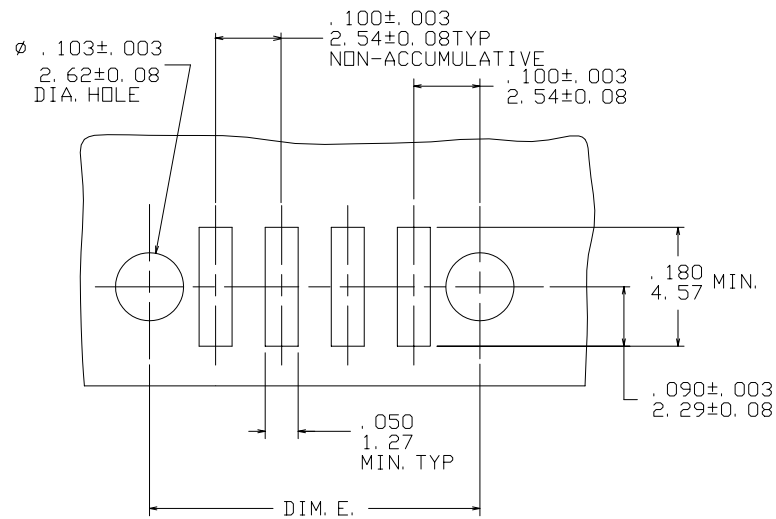


FIGURE A
TOP ENTRY
.025/0.64 SQ PIN

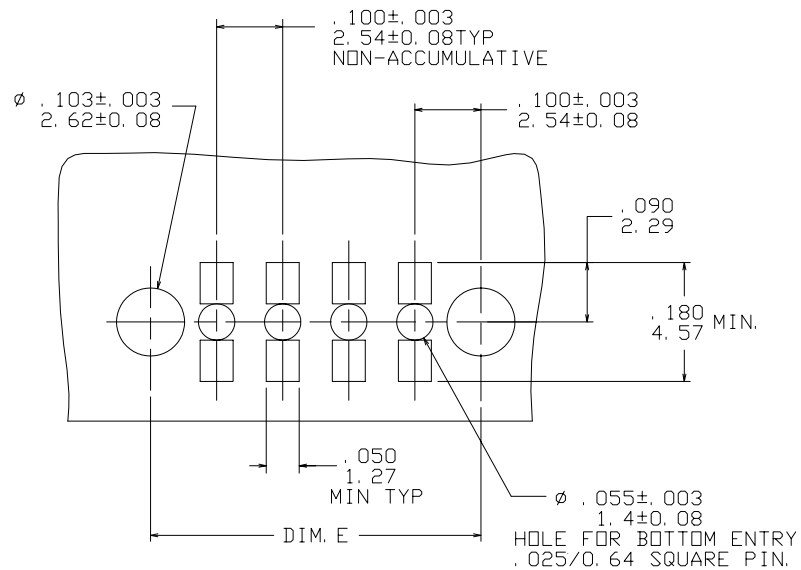


FIGURE B
BOTTOM ENTRY (THROUGH PWB)
.025/0.64 SQ PIN

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 scale 4:1	title DUBOX LATCHED SMT S/R VCC ASS'Y					
S					angles	linear	.XX ±.01/.3									
							.XXX ±.005/.13									
					0°±2'		.XXXX ±.0020/.051									
					dr	G.HULL	02/16/95					dwg no		sheet2 of 4		size
					enrg	H.SUNDY	02/16/95					95659				A3
					chr	H.SUNDY	02/16/95					type Product Customer Drawing				
					appd	H.SUNDY	02/16/95									
sheet index		revision sheet														



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form: A3

PRODUCT NO.	NO. OF POS.	DIM C	DIM D	DIM E	VACUUM CAP	TAPE & REEL PACKAGING	NOTES	LF OPTION
95659-602	1 X 2	.100/2.54	.417/10.59	.300/7.62	NO	NO		NOTE 12
-603	1 X 3	.200/5.08	.517/13.13	.400/10.16	NO	NO		
-604	1 X 4	.300/7.62	.617/15.67	.500/12.70	NO	NO		
-605	1 X 5	.400/10.16	.717/18.21	.600/15.24	NO	NO		
-606	1 X 6	.500/12.70	.817/20.75	.700/17.78	NO	NO		
-607	1 X 7	.600/15.24	.917/23.29	.800/20.32	NO	NO		
-609	1 X 9	.800/20.32	1.117/28.37	1.000/25.40	NO	NO		
-610	1 X 10	.900/22.86	1.217/30.91	1.100/27.94	NO	NO		
-606P	1 X 6	.500/12.70	.817/20.75	.700/17.78	YES	YES	NOTE 9 & 11	
-608P	1 X 8	.700/17.78	1.017/25.83	.900/22.86	YES	YES	NOTE 9 & 11	
95659-609P	1 X 9	.800/20.32	1.117/28.37	1.000/25.40	YES	YES	NOTE 9 & 11	

mat'l. code				surface	tolerance	projection	product family
-				ISO 1302	ISO 406		DUBOX
					ISO 1101		
ltr	ecr	no	dr	date	tolerances unless otherwise specified	INCH/MM	title
S							DUBOX LATCHED SMT
					angles	scale 4:1	S/R VCC ASS'Y
					linear		
					0'±2'		
					dr		dwg no
					engr		sheet 3 of 4
					chr		size
					appd		A3
sheet	revision						type
index	sheet						Product Customer Drawing

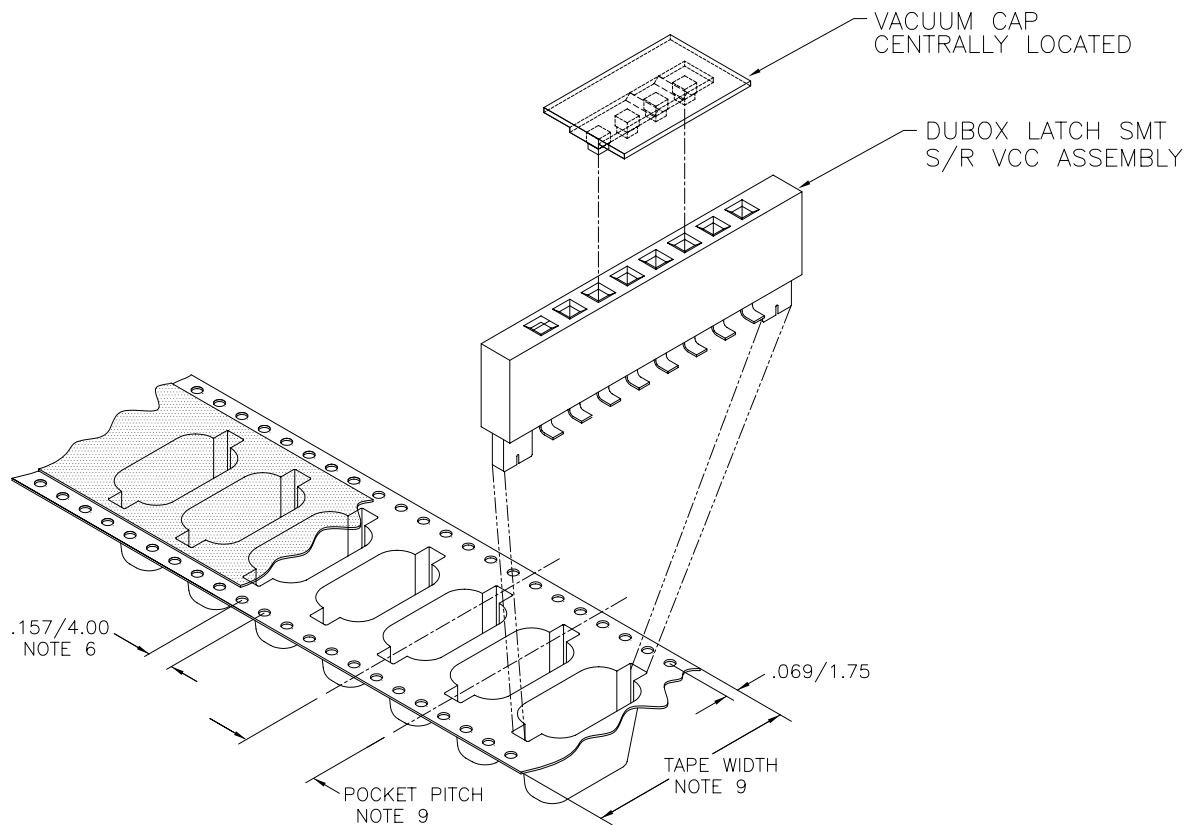




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PRODUCT NO.
SEE TABLE



TAPE AND REEL PACKAGING ONLY

mat'l. code				surface		tolerance	projection	product family	
-				ISO 1302 ✓		ISO 406 ISO 1101		DUBOX	
ltr	ecr	no	dr	date	tolerances unless otherwise specified		INCH/MM	title	
S					angles	linear		DUBOX LATCHED SMT	
						.XX ±.01/.3		S/R VCC ASS'Y	
					0°±2°	.XXX ±.005/.13		scale 4:1	
					dr	G.HULL 02/16/95	FCI	dwg no	
					enr	H.SUNDY 02/16/95		sheet 4 of 4	
					chr	H.SUNDY 02/16/95		95659	
					appd	H.SUNDY 02/16/95		A3	
sheet	revision							type	
index	sheet							Product Customer Drawing	

form: A3