

PRODUCT NUMBER

SEE TABLE

68682 - XXX - LF

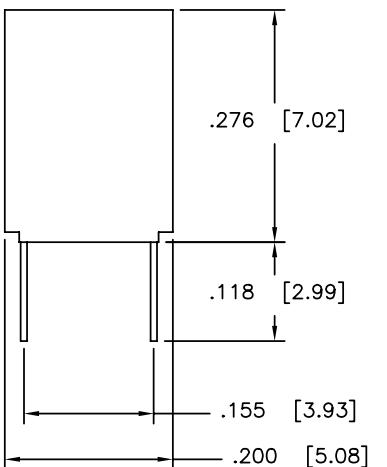
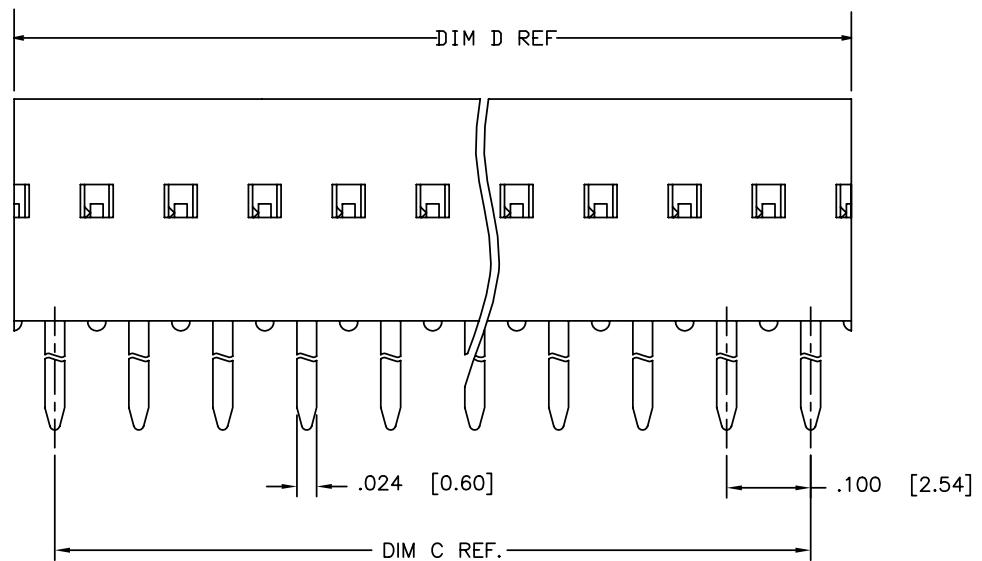
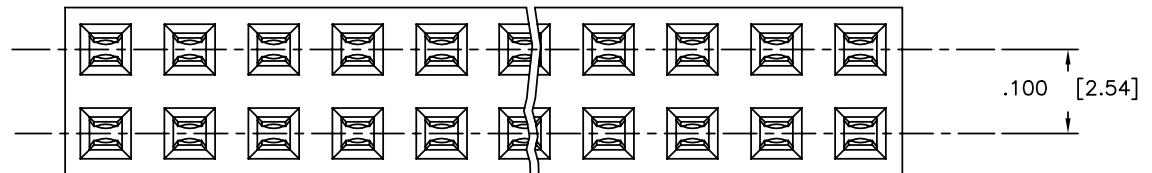
LEAD FREE OPTION

PACKAGING OPTION. OMIT IF NOT REQUIRED

NO OF POSITIONS PER ROW

PLATING CODE

BASE PART NUMBER



mat'l. code				surface		tolerance	projection	product family
ltr	ecn no	dr	date	ISO 1302		ISO 406 ISO 1101		title
T	N-005184	SH	2011-08-18	tolerances unless otherwise specified		XX±0.01/XX±0.3		DUBOX
U	ELX-N-13980	DCS	2013-01-28	angles	linear	XXX±0.05/XXX±0.13	INCH/MM	DUBOX DBL. ROW DBL. ENTRY
V	ELX-N-14177	DCS	2013-03-04	0°±2°		XXX±0.020/XXX±0.051	scale 4:1	VERT. CARD CONN. ASS'Y.
P	M06-0433	MN	06/17/06	dr	S. RAMP	02/25/91		
R	M09-0121	MHT	7/24/09	engr	M. HAHN	02/25/91		
S	M09-0124	MHT	9/07/09	chr	M. HAHN	02/25/91		
				appd	M. HAHN	02/25/91		
sheet		revision	V	V				
index		sheet	1	2	3			



68682

A3

type Product Customer Drawing

PRODUCT NO NOTE 8	PLATING CONTACT AREA MIN NOTE 11	PLATING SOLDER TAIL
68682-2XX	15 μ /. 38 μ Au OR GXT, OVER 50 μ /. 1. 27 Ni	100 μ /. 160 μ SN 2. 54 μ /. 06 μ
68682-3XX	30 μ /. 76 μ Au OR GXT, OVER 50 μ /. 1. 27 Ni	100 μ /. 160 μ SN 2. 54 μ /. 06 μ
68682-4XX	100 μ /. 160 μ SN 2. 54 μ /. 06 μ	100 μ /. 160 μ SN 2. 54 μ /. 06 μ
68682-5XX	50 μ /. 1. 27 μ Au OVER 50 μ /. 1. 27 Ni	100 μ /. 160 μ SN 2. 54 μ /. 06 μ
68682-6XX	30 μ /. 76 μ Au OR GXT, OVER 50 μ /. 1. 27 Ni	100 μ /. 160 μ SN 2. 54 μ /. 06 μ
68682-8XX	30 μ /. 76 μ Au OVER 50 μ /. 1. 27 Ni	100 μ /. 160 μ SnPb 2. 54 μ /. 06 μ

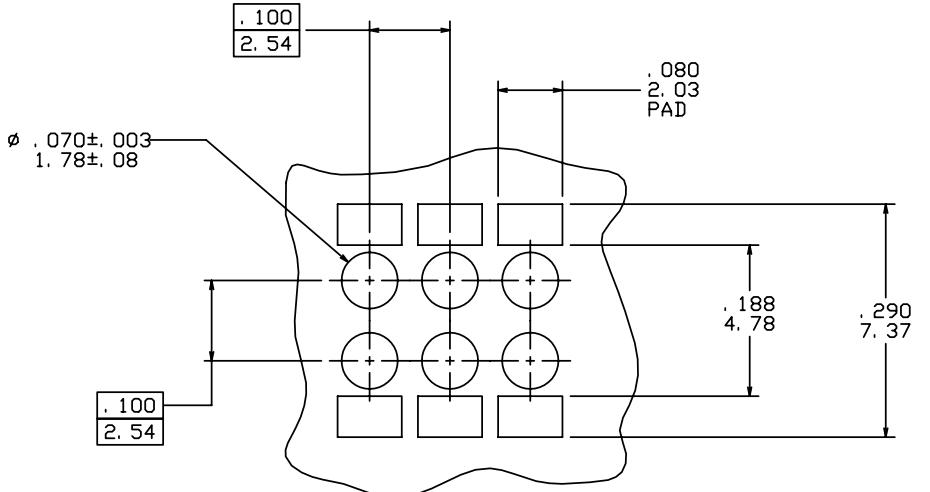


FIGURE A

NOTES:

- 1 MATERIAL TERMINAL: PHOSPHOR BRONZE.
- 2 RECOMMENDED APPLICATION DATA:
 - A. RECOMMENDED HOLE PATTERN IS SHOWN IN FIGURE A.
 - B. ALL MATING PINS TO BE .025/.64 SQUARE ON TRUE CENTER OF GIVEN TERMINAL SPACINGS WITHIN .015/.38 DIA
 - C. SUGGESTED MATING PIN LENGTH .210±.020/.5.33±.51
 - D. TERMINALS CAN ONLY BE USED FOR PC BOARD WITH NON PLATED THROUGH HOLES.
 - E. RECOMMENDED PC BOARD THICKNESS: .062/.1.58
- ③ MATERIAL HOUSING: PPS FILLED. COLOR BLACK, FLAME RETARDANT PER UL-94V-0.
PART WILL WITHSTAND EXPOSURE TO 260° C PEAK TEMPERATURE FOR 20 SECONDS IN WAVE SOLDER, INFRA-RED OR VAPOR PHASE SOLDER PROCESS.
- ④ FCI, FCI FINAL PART NUMBER AND DATE CODE TO BE MARKED ON TUBE LABEL.
- ⑤ PREPLATED, STAMPED TERMINALS.
- ⑥ PART NUMBER WITH SUFFIX "U" IS FOR SAWING PURPOSES ONLY.
7. STANDARD TUBE PACKAGE PER BUS-14-097/3.
- ⑧ ADD LF SUFFIX AT THE END OF PART NUMBER FOR LEAD FREE OPTION.
9. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATION AS DESCRIBED IN GS-22-008.
- ⑩ THIS PRODUCT HAS 100% TIN PLATING IN THE INTERFACE AND HAS NOT BEEN TESTED FOR WHISKER GROWTH IN ALL INTERCONNECT ENVIRONMENTS.

mat'l. code		surface		tolerance	projection	product family
-		ISO 1302 ✓		ISO 406 ISO 1101		DUBOX
ltr	ecn no	dr	date	tolerances unless otherwise specified		
V				XXX±.01/.X±.03		
				XXX±.005/.XXX±.013		
				0°±.2°		
		dr	S. RAMP	02/25/91		
		engr	M. HAHN	02/25/91		
		chr	M. HAHN	02/25/91		
		appd	M. HAHN	02/25/91		
sheet		revision				
index		sheet				

FCI

PRODUCT NO	NO. OF POSITION	DIM C	DIM D	LF OPTION
68682-Y02	2 X 2	. 100/2. 54	. 217/5. 51	
	-Y03	2 X 3	. 200/5. 08	. 317/8. 05
	-Y04	2 X 4	. 300/7. 62	. 417/10. 59
	-Y05	2 X 5	. 400/10. 16	. 517/13. 13
	-Y06	2 X 6	. 500/12. 70	. 617/15. 67
	-Y07	2 X 7	. 600/15. 24	. 717/18. 21
	-Y08	2 X 8	. 700/17. 78	. 817/20. 75
	-Y09	2 X 9	. 800/20. 32	. 917/23. 29
	-Y10	2 X 10	. 900/22. 86	1. 017/25. 83
	-Y11	2 X 11	1. 000/25. 40	1. 117/28. 37
	-Y12	2 X 12	1. 100/27. 94	1. 217/30. 91
	-Y13	2 X 13	1. 200/30. 48	1. 317/33. 45
	-Y14	2 X 14	1. 300/33. 02	1. 417/35. 99
	-Y15	2 X 15	1. 400/35. 56	1. 517/38. 53
	-Y16	2 X 16	1. 500/38. 10	1. 617/41. 07
	-Y17	2 X 17	1. 600/40. 64	1. 717/43. 61
	-Y18	2 X 18	1. 700/43. 18	1. 817/46. 15
	-Y19	2 X 19	1. 800/45. 72	1. 917/48. 69
	-Y20	2 X 20	1. 900/48. 26	2. 017/51. 23
	-Y21	2 X 21	2. 000/50. 80	2. 117/53. 77
	-Y22	2 X 22	2. 100/53. 34	2. 217/56. 31
	-Y23	2 X 23	2. 200/55. 88	2. 317/58. 85
	-Y24	2 X 24	2. 300/58. 42	2. 417/61. 39
	-Y25	2 X 25	2. 400/60. 96	2. 517/63. 93
	-Y26	2 X 26	2. 500/63. 50	2. 617/66. 47
	-Y27	2 X 27	2. 600/66. 04	2. 717/69. 01
	-Y28	2 X 28	2. 700/68. 58	2. 817/71. 55
	-Y29	2 X 29	2. 800/71. 12	2. 917/74. 09
	-Y30	2 X 30	2. 900/73. 66	3. 017/76. 63
	-Y31	2 X 31	3. 000/76. 20	3. 117/79. 17
	-Y32	2 X 32	3. 100/78. 74	3. 217/81. 71
	-Y33	2 X 33	3. 200/81. 28	3. 317/84. 25
	-Y34	2 X 34	3. 300/83. 82	3. 417/86. 79
68682-Y35	2 X 35	3. 400/86. 36	3. 517/89. 33	

PRODUCT NO	NO. OF POSITION	DIM C	DIM D	LF OPTION
68682-Y36	2 X 36	3. 500/88. 90	3. 617/91. 87	
	-Y37	2 X 37	3. 600/91. 44	3. 717/94. 41
	-Y38	2 X 38	3. 700/93. 98	3. 817/96. 95
	-Y39	2 X 39	3. 800/96. 52	3. 917/99. 49
	-Y40	2 X 40	3. 900/99. 06	4. 017/102. 03
	-Y41	2 X 41	4. 000/101. 60	4. 117/104. 57
	-Y42	2 X 42	4. 100/104. 14	4. 217/107. 11
	-Y43	2 X 43	4. 200/106. 68	4. 317/109. 65
	-Y44	2 X 44	4. 300/109. 22	4. 417/112. 19
	-Y45	2 X 45	4. 400/111. 76	4. 517/114. 73
	-Y46	2 X 46	4. 500/114. 30	4. 617/117. 27
	-Y47	2 X 47	4. 600/116. 84	4. 717/119. 81
	-Y48	2 X 48	4. 700/119. 38	4. 817/122. 35
	-Y49	2 X 49	4. 800/121. 92	4. 917/124. 89
68682-Y50	2 X 50	4. 900/124. 46	5. 017/127. 43	
68682-Y50U	2 X 50	4. 900/124. 46	5. 017/127. 43	

SEE NOTE 6

NOTE 8

NOTE 8

mat'l. code -				surface ISO 1302	tolerance ISO 406 ISO 1101	projection 	product family DUBOX
ltr	ecn no	dr	date	tolerances unless otherwise specified		title	
v				angles	linear 0.005/0.013 0.005±0.013	INCH/MM	DUBOX DBL. ROW DBL. ENTRY
				0°±2°		scale 4:1	VERT. CARD CONN. ASS'Y.
		dr	S. RAMP	02/25/91		dwg no	sheet 3 of 3 size
		engr	M. HAHN	02/25/91		68682	A3
		chr	M. HAHN	02/25/91			
		appd	M. HAHN	02/25/91			
sheet	revision						
index	sheet						