



FCIconnect.com

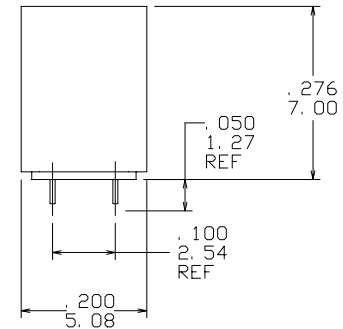
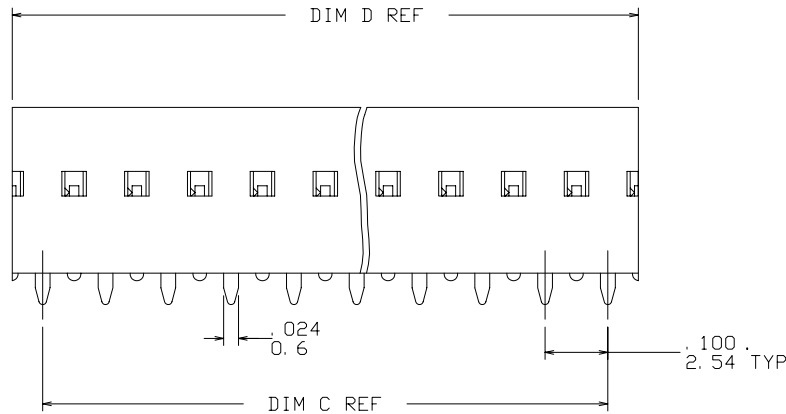
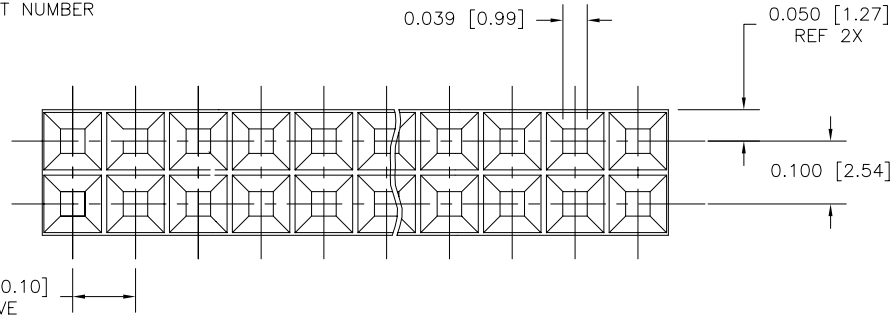
Copyright FCI

PRODUCT NO.

SEE TABLE

68775 - XXX - LF

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



mat'l. code				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101	projection  INCH/MM scale 4:1	product family DUBOX			
ltr	ecn no	dr	date	tolerances unless otherwise specified				title			
E	V71696	MAP	12/19/97	angles	linear	.XX ±.01/.3		DUBOX DBL. ROW VERT.			
F	V11678	GIP	01/18/02			.XXX ±.005/.13		C.C. ASS'Y. .050 LEG			
G	V03-0309	HTB	04/30/03	0'±2'		.XXXX ±.0020/.051		dwg no			
H	V05-0463	DPU	6/25/06	dr	J. SHREINER	01/30/97		sheet 1 of 3 size			
J	M06-0237	MN	06/19/06	enr	M. HAHN	01/30/97		68775			
K	M06-0433	AGS	10/31/06	chr	M. HAHN	01/30/97		A3			
L	M07-0203	MHT	5/01/07	appd	M. HAHN	01/30/97		type Product Customer Drawing			
sheet index	revision	L	L	L							
sheet	sheet	1	2	3							

form: A3

PRODUCT NO NOTE 5	PLATING CONTACT AREA	PLATING SOLDER TAIL
68775-2XXLF	15u"/.38u Au MIN OVER 50u"/1.27u Ni MIN	100u"/160u" 2.54u/4.06u SN
68775-3XXLF	30u"/.76u Au MIN OVER 50u"/1.27u Ni MIN	100u"/160u" 2.54u/4.06u SN
68775-4XXLF	100u"/160u" 2.54u/4.06u SN	100u"/160u" 2.54u/4.06u SN
68775-8XXLF	30u"/.76u Au MIN OVER 50u"/1.27u Ni MIN	100u"/160u" 2.54u/4.06u SN

SEE NOTE 8

SEE NOTE 8

OBSOLETE

NOTES:

- MATERIAL HOUSING:P.P.S.
FILLED COLOR BLACK, FLAME RETARDENT
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.
- MATERIAL TERMINAL: PHOSPHOR BRONZE,
SOLDERTAIL: POST PLATED TIN LEAD
- RECOMMENDED APPLICATION DATA:
 - RECOMMENDED HOLE PATTERN IS SHOWN
IN FIGURE A.
 - ALL MATING PINS TO BE .025/-.64
SQUARE ON TRUE CENTER OF GIVEN TERMINAL
SPACINGS WITHIN .015/-.38 DIA.
 - SUGGESTED MATING PIN LENGTH
.210±.020/5.33±.51.
 - TERMINALS CAN ONLY BE USED FOR PC BOARD
WITH NON PLATED THROUGH HOLES.
 - RECOMMENDED PC BOARD THICKNESS:
.062/1.58.
- FCI, FCI FINAL PART NUMBER AND DATE CODE
TO BE MARKED ON TUBE LABEL.
- ADD LF SUFFIX AT THE END OF PART NUMBER
FOR LEAD FREE OPTION.
- THESE PRODUCTS MEET EUROPEAN UNION DIRECTIVES
AND OTHER COUNTRY REGULATION AS DESCRIBED
IN GS-22-008.
- "THIS PRODUCT HAS 100% TIN PLATING IN THE
INTERFACE AND HAS NOT BEEN TESTED FOR WHISKER
GROWTH IN ALL INTERCONNECT ENVIRONMENT".
- PLATING OPTIONS:
MAY BE EITHER GOLD OR GXT PLATED AT MANUFACTURER'S OPTION.

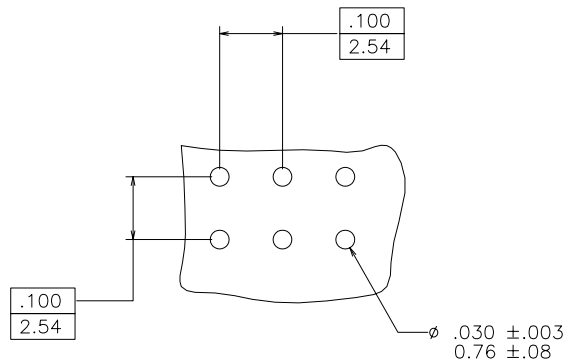


FIGURE A

mat'l. code				surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection INCH/MM	product family DUBOX
ltr	ecn no	dr	date	tolerances unless otherwise specified			title
L				angles	linear		DUBOX DBL. ROW VERT.
				0°±2'	.XX ±.01/.3 .XXX ±.005/.13 .XXXX ±.0020/.051	scale 4:1	C.C. ASS'Y. .050 LEG
		dr	J. SHREINER	01/30/97			dwg no
		enr	M. HAHN	01/30/97			sheet 2 of 3 size
		chr	M. HAHN	01/30/97			68775 A3
		appd	M. HAHN	01/30/97			type Product Customer Drawing
sheet index	revision sheet						

1				2				3				4				5				6			
PRODUCT NUMBER		NO. OF POSITION		C DIM		D DIM		LF OPTION		PRODUCT NUMBER		NO. OF POSITION		C DIM		D DIM		LF OPTION					
68775-Y02		2 X 2		.100/2.54		.217/5.51		NOTE 5		68775-Y26		2 X 26		2.500/63.50		2.617/66.47		NOTE 5					
-Y03		2 X 3		.200/5.08		.317/8.05				-Y27		2 X 27		2.600/66.04		2.717/69.01							
-Y04		2 X 4		.300/7.62		.417/10.59				-Y28		2 X 28		2.700/68.58		2.817/71.55							
-Y05		2 X 5		.400/10.16		.517/13.13				-Y29		2 X 29		2.800/71.12		2.917/74.09							
-Y06		2 X 6		.500/12.70		.617/15.67				-Y30		2 X 30		2.900/73.66		3.017/76.63							
-Y07		2 X 7		.600/15.24		.717/18.21				-Y31		2 X 31		3.000/76.20		3.117/79.17							
-Y08		2 X 8		.700/17.78		.817/20.75				-Y32		2 X 32		3.100/78.74		3.217/81.71							
-Y09		2 X 9		.800/20.32		.917/23.29				-Y33		2 X 33		3.200/81.28		3.317/84.25							
-Y10		2 X 10		.900/22.86		1.017/25.83				-Y34		2 X 34		3.300/83.82		3.417/86.79							
-Y11		2 X 11		1.000/25.40		1.117/28.37				-Y35		2 X 35		3.400/86.36		3.517/89.33							
-Y12		2 X 12		1.100/27.94		1.217/30.91				-Y36		2 X 36		3.500/88.90		3.617/91.87							
-Y13		2 X 13		1.200/30.48		1.317/33.45				-Y37		2 X 37		3.600/91.44		3.717/94.41							
-Y14		2 X 14		1.300/33.02		1.417/35.99		-Y38		2 X 38		3.700/93.98		3.817/96.95									
-Y15		2 X 15		1.400/35.56		1.517/38.53		-Y39		2 X 39		3.800/96.52		3.917/99.49									
-Y16		2 X 16		1.500/38.10		1.617/41.07		-Y40		2 X 40		3.900/99.06		4.017/102.03									
-Y17		2 X 17		1.600/40.64		1.717/43.61		-Y41		2 X 41		4.000/101.60		4.117/104.57									
-Y18		2 X 18		1.700/43.18		1.817/46.15		-Y42		2 X 42		4.100/104.14		4.217/107.11									
-Y19		2 X 19		1.800/45.72		1.917/48.69		-Y43		2 X 43		4.200/106.68		4.317/109.65									
-Y20		2 X 20		1.900/48.26		2.017/51.23		-Y44		2 X 44		4.300/109.22		4.417/112.19									
-Y21		2 X 21		2.000/50.80		2.117/53.77		-Y45		2 X 45		4.400/111.76		4.517/114.73									
-Y22		2 X 22		2.100/53.34		2.217/56.31		-Y46		2 X 46		4.500/114.30		4.617/117.27									
-Y23		2 X 23		2.200/55.88		2.317/58.85		-Y47		2 X 47		4.600/116.84		4.717/119.81									
-Y24		2 X 24		2.300/58.42		2.417/61.39		-Y48		2 X 48		4.700/119.38		4.817/122.35									
68775-Y25		2 X 25		2.400/60.96		2.517/63.93		-Y49		2 X 49		4.800/121.92		4.917/124.89									
								68775-Y50		2 X 50		4.900/124.46		5.017/127.43									

mat'l. code

litr ecn no dr date

surface ISO 1302 ☒ tolerance ISO 406 ISO 1101

tolerances unless otherwise specified

angles linear

dr J. SHREINER 01/30/97

enr M. HAHN 01/30/97

chr M. HAHN 01/30/97

appd M. HAHN 01/30/97

sheet index revision sheet

projection  INCH/MM

scale 4:1

product family DUBOX

title DUBOX DBL. ROW VERT. C.C. ASS'Y. .050 LEG

dwg no 68775 sheet 3 of 3 size A3

type Product Customer Drawing

1

2

3

4

5

6

form: A3