

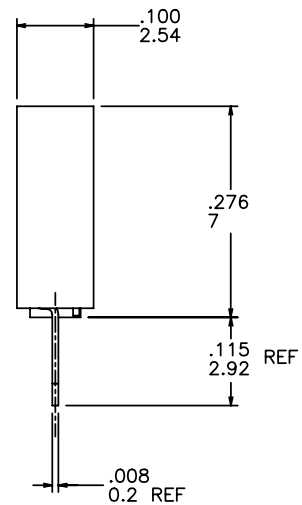
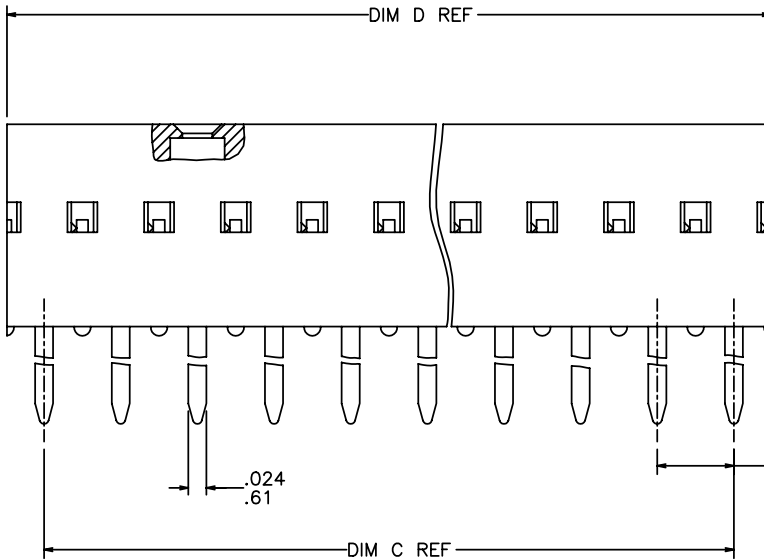
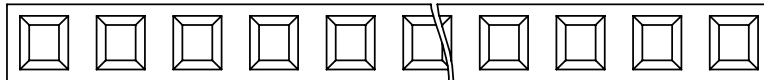


FCIconnect.com

Copyright FCI

PRODUCT NO.
SEE TABLE

68685 - 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	tolerance	projection	product family
		ISO 1302 ✓	ISO 406 ISO 1101		DUBOX
ltr	ecn	nodr	date	tolerances unless otherwise specified	title
W	N-005262	SH	2011-8-22	angles	DUBOX SING. ROW VERT. CARD CONN. ASSEMBLY
P	V03-0309	HTB	04/30/03	linea	
R	V04-0002	HTB	01/06/04	0°±2°	
S	V05-0463	DPU	06/27/05	dr	dwg no 68685 sheet 1 of 3 size A3
T	M06-0237	MN	06/19/06	enr	
U	M06-0433	AGS	10/31/06	chr	
V	M07-0203	MHT	5/01/07	appd	type Product Customer Drawing
sheet	revision	W	W	W	
index	sheet	1	2	3	

PRODUCT NO NOTE 8	PLATING CONTACT AREA MIN	PLATING SOLDER TAIL
68685-2XX	15u"/.38u Au OR GXT, OVER 50u"/1.27uNI	100u"/160u" SN 2.54u/4.06u
68685-3XX	30u"/.76u Au OR GXT, OVER 50u"/1.27u NI	100u"/160u" SN 2.54u/4.06u
68685-4XX	100u"/160u" SN 2.54u/4.06u	100u"/160u" SN 2.54u/4.06u
68685-5XX	50u"/1.27u Au OVER 50u"/1.27u NI	100u"/160u" SN 2.54u/4.06u
68685-6XX	30u"/.76u Au OR GXT, OVER 50u"/1.27u NI	100u"/160u" SN 2.54u/4.06u
68685-8XX	30u"/.76u Au OVER 50u"/1.27u NI	100u"/160u" SN 2.54u/4.06u

OBSOLETE

OBSOLETE

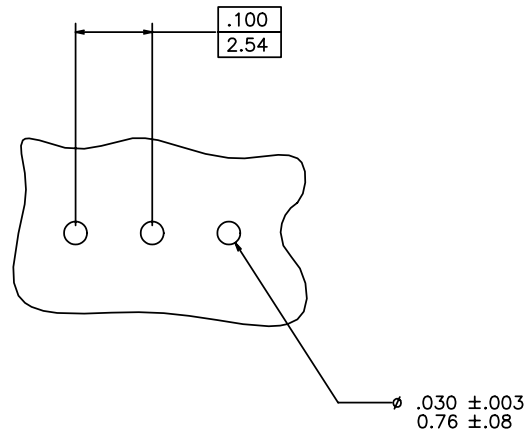


FIGURE A

NOTES:

- MATERIAL HOUSING: PPS, COLOR - BLACK, 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.
- MATERIAL TERMINAL: PHOSPHOR BRONZE.
- 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
 - RECOMMENDED PC BOARD THICKNESS: .062/1.58
- FCI, FCI FINAL PART NUMBER AND DATE CODE TO BE MARKED ON TUBE LABEL.
- PREPLATED STAMPED TERMINALS.
- STANDARD TUBE PACKAGE PER BUS-14-097/3.
- PART NUMBER WITH SUFFIX "U" FOR SAWING ONLY.
- ADD LF SUFFIX AT THE END OF PART NUMBER FOR LEAD FREE OPTION.
- THIS PRODUCT MEETS 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 ENVIRONMENTS.

mat'l. code		surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection INCH/MM		product family DUBOX	
ltr ecn nodr date		tolerances unless otherwise specified		title		DWG no		sheet 2 of 3 size	
W		angles	line	.XX ±.01/.3 .XXX ±.005/.13 .XXXX ±.0020/.051		scale 4:1		DUBOX SING. ROW VERT. CARD CONN. ASSEMBLY	
		dr	S. RAMP	02/25/91		FCI		68685	
		enr	M. HAHN	02/25/91				A3	
		chr	M. HAHN	02/25/91					
		appd	M. HAHN	02/25/91					
sheet index		revision sheet						type Product Customer Drawing	

