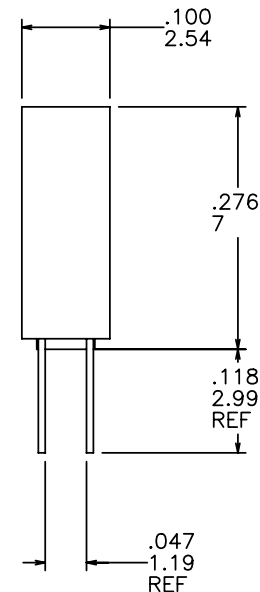
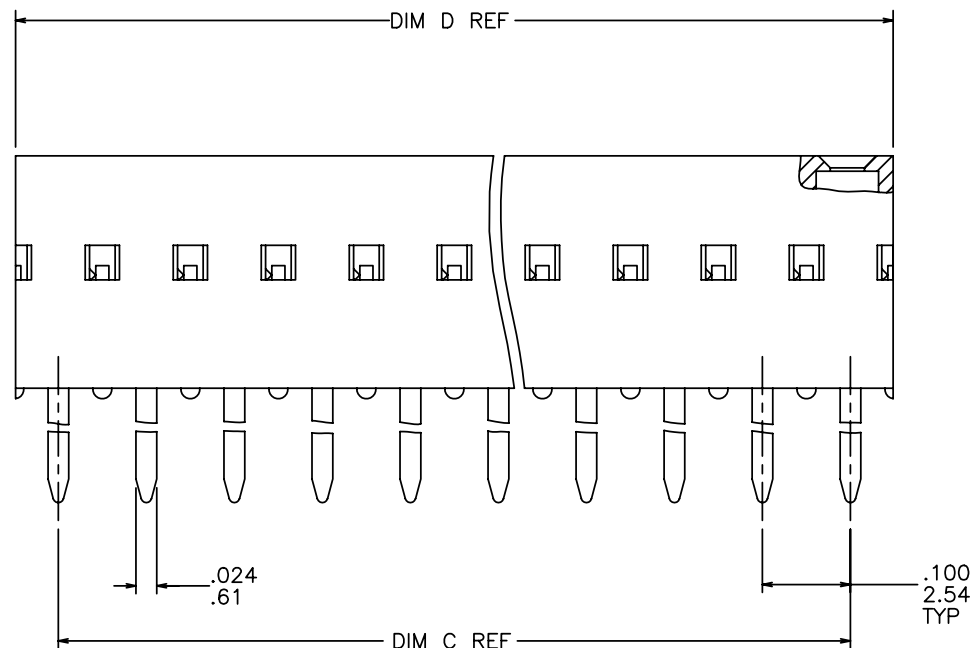


PRODUCT NO.
SEE TABLE

68684 - 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 		product family DUBOX										
ltr		ecn		nodr		date		tolerances unless otherwise specified						title							
N		N-005186		SH		2011-8-18		angles linea		.XX ±.01/.3		INCH/MM		DUBOX S/R, DBL. ENTRY VERT. CARD CONN. ASS'Y.							
G		V11677		GIP		01/22/02				.XXX ±.005/.13											
H		V03-0309		HTB		04/29/03				.XXXX ±.0020/.05											
J		V05-0463		DPU		06/27/05		dr		S. RAMP		2/25/91				dwg no		sheet 1 of 3		size	
K		M06-0237		MN		06/19/06		engr		M. HAHN		2/25/91				68684		A3			
L		M06-0433		AGS		10/31/06		chr		M. HAHN		2/25/91				type Product Customer Drawing					
M		M07-0198		MHT		4/24/05		appd		M. HAHN		2/25/91									
sheet		revision		N		N		N													
index		sheet		1		2		3													

PRODUCT NO NOTE 7	PLATING CONTACT AREA MIN	PLATING SOLDER TAIL	SOLDER RESIST LEGS NOTE 7
68684-2XX	15u"/.38u Au OR GXT, OVER 50u"/1.27u Ni	100u"/160u" SN 2.54u/4.06u	NO
68684-3XX	30u"/.76u Au OR GXT, OVER 50u"/1.27u Ni	100u"/160u" SN 2.54u/4.06u	YES
68684-4XX	100u"/160u" SN 2.54u/4.06u	100u"/160u" SN 2.54u/4.06u	NO
68684-6XX	30u"/.76u Au OR GXT, OVER 50u"/1.27u Ni	100u"/160u" SN 2.54u/4.06u	YES
68684-8XX	30u"/.76u Au OVER 50u"/1.27u Ni	100u"/160u" SN 2.54u/4.06u	YES

OBSOLETE

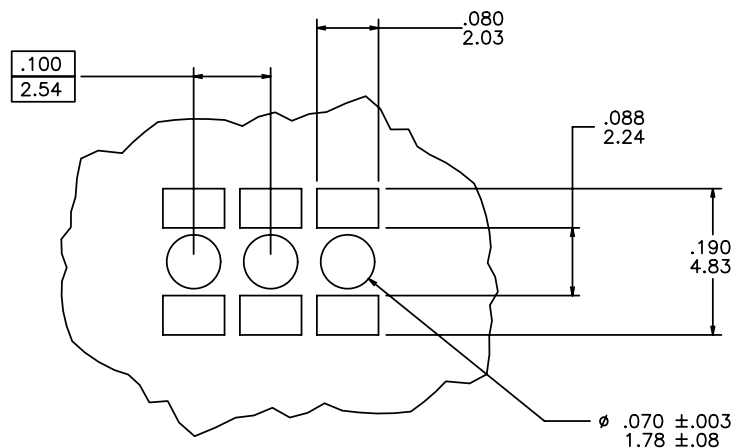


FIGURE A

NOTES:

- MATERIAL HOUSING: PPS FILLED, 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
 - 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.
- PREPLATED STAMPED TERMINALS.
- PASSIVATE NICKEL ON INSIDE OF LEGS TO PREVENT SOLDER FROM CLOSING BOTTOM ENTRY HOLE.
- ADD LF SUFFIX AT THE END OF PART NUMBER FOR LEAD FREE OPTION.
- THESE PRODUCTS 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 ENVIRONMENT".

mat'l. code		surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection ISO 1101		product family DUBOX	
l'tec n n d r date		tolerances unless otherwise specified		line		INCH/MM		title	
N		.XX ±.01/.3		.XXX ±.005/.13		scale 4:1		DUBOX S/R, DBL. ENTRY VERT. CARD CONN. ASS'Y.	
dr		S. RAMP		2/25/91		FCI		dwg no 68684	
enr		M. HAHN		2/25/91				sheet 2 of 3	
chr		M. HAHN		2/25/91				size A3	
app		M. HAHN		2/25/91				type Product Customer Drawing	
sheet index		revision sheet							

PRODUCT NO	NO. OF POSITION	DIM C	DIM D	LF OPTION
68684-Y36	1 X 36	3.500/88.90	3.617/91.87	NOTE 7
-Y37	1 X 37	3.600/91.44	3.717/94.41	
-Y38	1 X 38	3.700/93.98	3.817/96.95	
-Y39	1 X 39	3.800/96.52	3.917/99.49	
-Y40	1 X 40	3.900/99.06	4.017/102.03	
-Y41	1 X 41	4.000/101.60	4.117/104.57	
-Y42	1 X 42	4.100/104.14	4.217/107.11	
-Y43	1 X 43	4.200/106.68	4.317/109.65	
-Y44	1 X 44	4.300/109.22	4.417/112.19	
-Y45	1 X 45	4.400/111.76	4.517/114.73	
-Y46	1 X 46	4.500/114.30	4.617/117.27	
-Y47	1 X 47	4.600/116.84	4.717/119.81	
-Y48	1 X 48	4.700/119.38	4.817/122.35	
-Y49	1 X 49	4.800/121.92	4.917/124.89	
68684-Y50	1 X 50	4.900/124.46	5.017/127.43	

NOTE 7