

PRODUCT NUMBER

SEE TABLE

79948 -XXX- LF

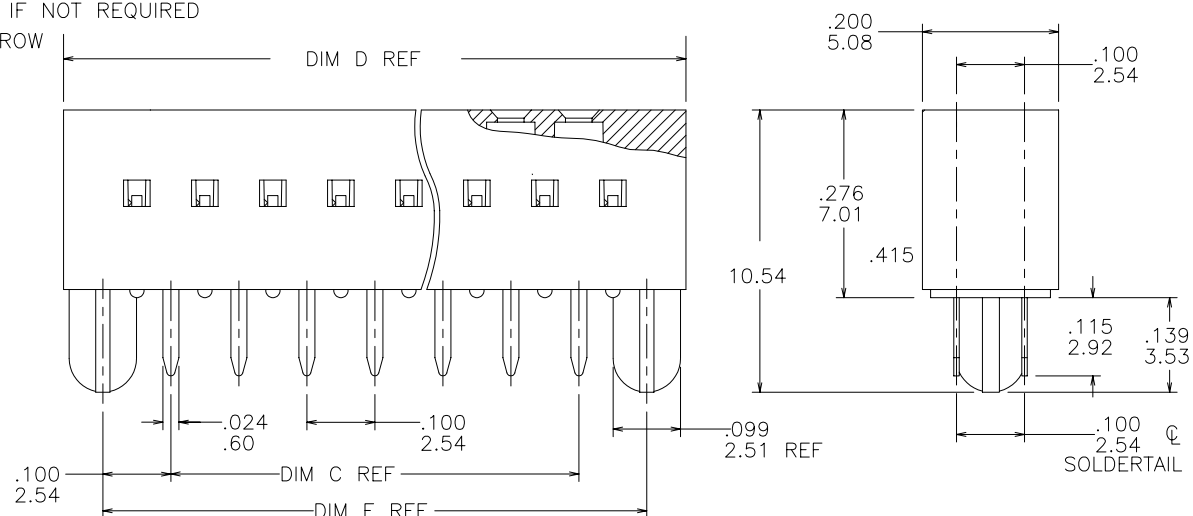
LEAD FREE OPTION

PACKAGING OPTION. OMIT IF NOT REQUIRED

NO OF POSITIONS PER ROW

PLATING CODE

BASE PART NUMBER



NOTES

- ① HOUSING MATERIAL: P.P.S. FILLED
COLOR BLACK, FLAME RETARDANT PER UL-94V-0
THIS PART WILL WITHSTAND EXPOSURE TO 260° C PEAK TEMPERATURE
FOR 20 SECONDS IN WAVE SOLDER, INFRA-RED REFLOW OR
VAPOR PHASE REFLOW SOLDER PROCESS.
2. TERMINAL MATERIAL: PHOSPHOR BRONZE.
3. RECOMMENDED APPLICATION DATA:
 - A. RECOMMENDED SOLDER PAD PATTERN
IS SHOWN IN FIGURE A.
 - B. ALL MATING PINS TO BE .025/0.64 SQ.
ON TRUE CENTER OF GIVEN TERMINAL
SPACINGS WITHIN .015/0.38 DIA.
 - C. SUGGESTED MATING PIN LENGTH IS
.210±.020/5.33±0.51.
- ④ PRESTAMPED, POST PLATED TERMINALS.
5. "FCI", FCI FINAL PART NUMBER AND DATE CODE
TO BE MARKED ON TUBE LABEL.
- ⑥ ADD LF SUFFIX AT THE END OF PART NUMBER
FOR LEAD FREE OPTION.
7. THESE PRODUCTS MEETS EUROPEAN UNION DIRECTIVES AND
OTHER COUNTRY REGULATION AS DESCRIBED IN GS-22-008.
8. "THIS PRODUCT HAS 100% TIN PLATING IN THE INTERFACE
AND HAS NOT BEEN TESTED FOR WHISKER GROWTH IN ALL
INTERCONNECT ENVIRONMENTS".
- ⑨ PLATING OPTIONS:
MAY BE EITHER GOLD OR GXT PLATED AT MANUFACTURER'S OPTION.

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	
C	V23302	MRC		10/26/92	angles	linear		DUBOX DOUBLE ROW	
D	V50511	MRC		6/30/95				RETENTION VCC ASS'Y	
E	V03-0310	HTB		5/06/03	0°±2'		scale 8:1	dwg no	
F	V05-0463	DPU		06/28/05	dr	J. SHREINER	1/29/91	sheet 1 of 4 size	
G	M06-0237	MN		06/19/06	enr	M. HAHN	1/29/91	79948	
H	M06-0433	AGS		10/31/06	chr	M. HAHN	1/29/91	A3	
J	M07-0203	MHT		5/01/07	appd	M. HAHN	1/29/91	type	
sheet	revision	J	J	J	J			Product Customer Drawing	
index	sheet	1	2	3	4				

form: A3

PRODUCT NO NOTE 6	PLATING CONTACT AREA	PLATING SOLDER TAIL	MATERIAL DATA
79948-3XX	30u"/.76u Au MIN OVER 50u"/1.27u Ni MIN	100u"/160u" 2.54u"/4.06u" SN	NOTE 1 & 6
79948-4XX	100u"/160u" 2.54u"/4.06u" SN OVER 50u"/1.27u Ni MIN	100u"/160u" 2.54u"/4.06u" SN	NOTE 1,6 & 8
79948-6XX	30u"/.76u Au MIN OVER 50u"/1.27u Ni MIN	100u"/160u" 2.54u"/4.06u" SN	NOTE 1 ,4 & 6

SEE NOTE 9

SEE NOTE 9

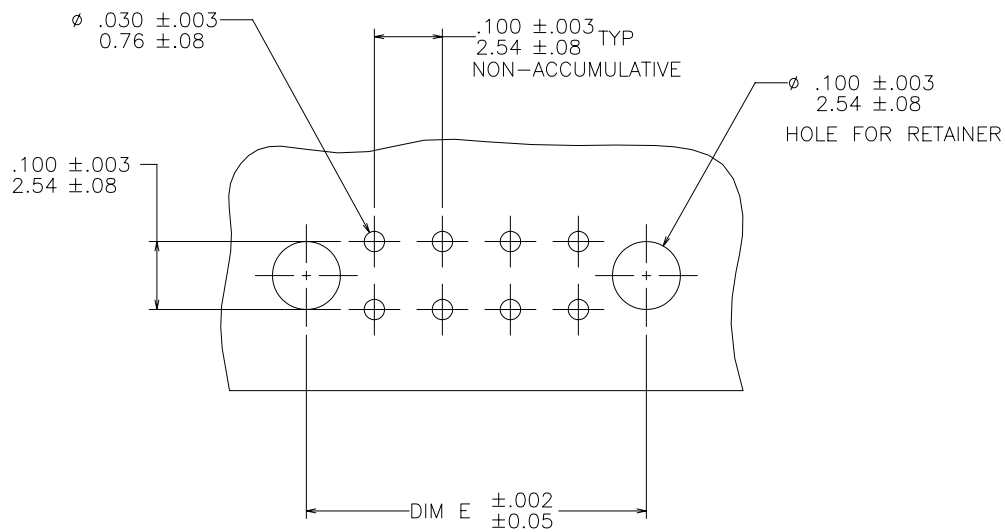


FIGURE A

mat'l. code				surface	tolerance	projection	product family
-				ISO 1302	ISO 406 ISO 1101		DUBOX
ltr	ecn	no	dr	date	tolerances unless otherwise specified	INCH/MM scale 8:1 	title
J					angles linear .XX ±.01/.3		DUBOX DOUBLE ROW
					0°±2' .XXX ±.005/.13		RETENTION VCC ASS'Y
					.XXXX ±.0020/.051		
				dr	J. SHREINER 1/29/91		dwg no
				enr	M. HAHN 1/29/91		sheet 2 of 4
				chr	M. HAHN 1/29/91		size
				appd	M. HAHN 1/29/91		A3
sheet	revision						type
index	sheet						Product Customer Drawing



FCIconnect.com

Copyright FCI



FCIconnect.com

Copyright FCI

form: A3

PRODUCT NUMBER	NO OF POS	DIM C	DIM D	DIM E	LF OPTION
79948-Y02	2 X 2	.100/2.54	.417/10.59	.300/7.62	NOTE 6
-Y03	2 X 3	.200/5.08	.517/13.13	.400/10.16	
-Y04	2 X 4	.300/7.62	.617/15.67	.500/12.70	
-Y05	2 X 5	.400/10.16	.717/18.21	.600/15.24	
-Y06	2 X 6	.500/12.70	.817/20.75	.700/17.78	
-Y07	2 X 7	.600/15.24	.917/23.29	.800/20.32	
-Y08	2 X 8	.700/17.78	1.017/25.83	.900/22.86	
-Y09	2 X 9	.800/20.32	1.117/28.37	1.000/25.40	
-Y10	2 X 10	.900/22.86	1.217/30.91	1.100/27.94	
-Y11	2 X 11	1.000/25.40	1.317/33.45	1.200/30.48	
-Y12	2 X 12	1.100/27.94	1.417/35.99	1.300/33.02	
-Y13	2 X 13	1.200/30.48	1.517/38.53	1.400/35.56	
-Y14	2 X 14	1.300/33.02	1.617/41.07	1.500/38.10	
-Y15	2 X 15	1.400/35.56	1.717/43.61	1.600/40.64	
-Y16	2 X 16	1.500/38.10	1.817/46.15	1.700/43.18	
-Y17	2 X 17	1.600/40.64	1.917/48.69	1.800/45.72	
-Y18	2 X 18	1.700/43.18	2.017/51.23	1.900/48.26	
-Y19	2 X 19	1.800/45.72	2.117/53.77	2.000/50.80	
-Y20	2 X 20	1.900/48.26	2.217/56.31	2.100/53.34	
-Y21	2 X 21	2.000/50.80	2.317/58.85	2.200/55.88	
-Y22	2 X 22	2.100/53.34	2.417/61.39	2.300/58.42	
-Y23	2 X 23	2.200/55.88	2.517/63.93	2.400/60.96	
-Y24	2 X 24	2.300/58.42	2.617/66.47	2.500/63.50	
79948-Y25	2 X 25	2.400/60.96	2.717/69.01	2.600/66.04	

mat'l. code		surface		tolerance		projection		product family	
-		ISO 1302		ISO 406				DUBOX	
ISO 1101		tolerances unless otherwise specified						title	
ltr	ecr	no	dr	date	angles	linear	INCH/MM	DUBOX DOUBLE ROW	
J					0°±2'	.XX ±.01/.3	scale 8:1	RETENTION VCC ASS'Y	
						.XXX ±.005/.13		dwg no	
						.XXXX ±.0020/.051		sheet 3 of 4 size	
					dr	J. SHREINER	1/29/91	A3	
					enr	M. HAHN	1/29/91	79948	
					chr	M. HAHN	1/29/91	type	
					app	M. HAHN	1/29/91	Product Customer Drawing	
sheet index	revision sheet								



FCIconnect.com

Copyright FCI

PRODUCT NUMBER	NO OF POS	DIM C	DIM D	DIM E	LF OPTION
79948-Y26	2 X 26	2.500/63.50	2.817/71.55	2.700/68.58	NOTE 6
-Y27	2 X 27	2.600/66.04	2.917/74.09	2.800/71.12	
-Y28	2 X 28	2.700/68.58	3.017/76.63	2.900/73.66	
-Y29	2 X 29	2.800/71.12	3.117/79.17	3.000/76.20	
-Y30	2 X 30	2.900/73.66	3.217/81.71	3.100/78.74	
-Y31	2 X 31	3.000/76.20	3.317/84.25	3.200/81.28	
-Y32	2 X 32	3.100/78.74	3.417/86.79	3.300/83.82	
-Y33	2 X 33	3.200/81.28	3.517/89.33	3.400/86.36	
-Y34	2 X 34	3.300/83.82	3.617/91.87	3.500/88.90	
-Y35	2 X 35	3.400/86.36	3.717/94.41	3.600/91.44	
-Y36	2 X 36	3.500/88.90	3.817/96.95	3.700/93.98	
-Y37	2 X 37	3.600/91.44	3.917/99.49	3.800/96.52	
-Y38	2 X 38	3.700/93.98	4.017/102.03	3.900/99.06	
-Y39	2 X 39	3.800/96.52	4.117/104.57	4.000/101.60	
-Y40	2 X 40	3.900/99.06	4.217/107.11	4.100/104.14	
-Y41	2 X 41	4.000/101.60	4.317/109.65	4.200/106.68	
-Y42	2 X 42	4.100/104.14	4.417/112.19	4.300/109.22	
-Y43	2 X 43	4.200/106.68	4.517/114.73	4.400/111.76	
-Y44	2 X 44	4.300/109.22	4.617/117.27	4.500/114.30	
-Y45	2 X 45	4.400/111.76	4.717/119.81	4.600/116.84	
-Y46	2 X 46	4.500/114.30	4.817/122.35	4.700/119.38	
-Y47	2 X 47	4.600/116.84	4.917/124.89	4.800/121.92	
-Y48	2 X 48	4.700/119.38	5.017/127.43	4.900/124.46	
-Y49	2 X 49	4.800/121.92	5.117/129.97	5.000/127.00	
79948-Y50	2 X 50	4.900/124.46	5.217/132.51	5.100/129.54	

mat'l. code				surface		tolerance		projection		product family			
-				ISO 1302		ISO 406 ISO 1101				DUBOX			
ltr	ecn	no	dr	date		tolerances unless otherwise specified							
J						angles	linear	.XX ±.01/.3		DUBOX DOUBLE ROW RETENTION VCC ASS'Y			
								.XXX ±.005/.13					
						0'±2'		.XXXX ±.0020/.051					
						dr	J. SHREINER	1/29/91		dwg no			
						engr	M. HAHN	1/29/91					
						chr	M. HAHN	1/29/91					
						appd	M. HAHN	1/29/91					
										sheet4 of 4 size			
										79948			
										A3			
										type Product Customer Drawing			
sheet index		revision sheet											

form: A3