

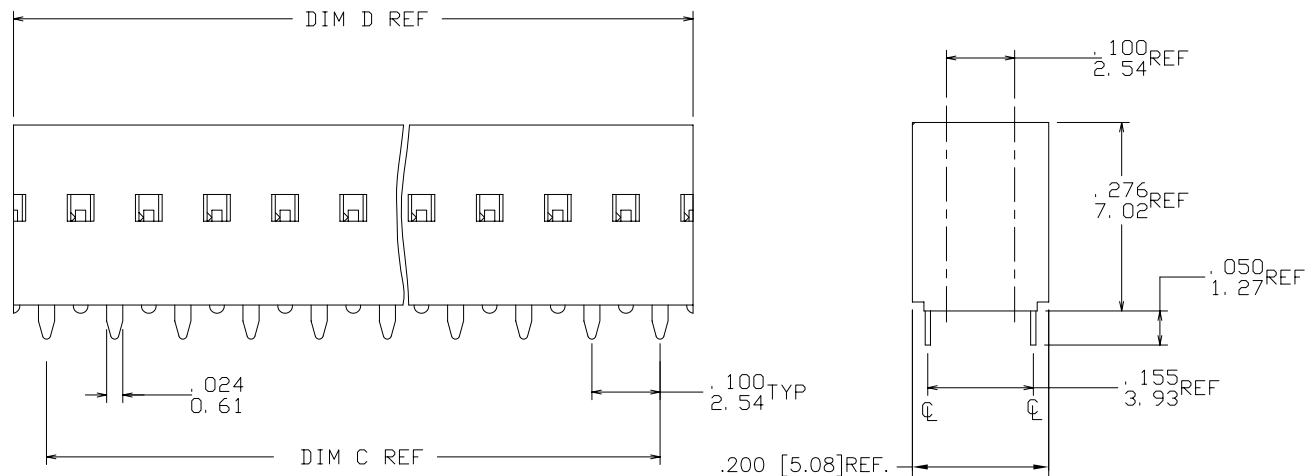


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PRODUCT NO.
SEE TABLE

68776 - XXX - LF
LEAD FREE OPTION
PACKAGING OPTIONS OMIT IF NOT REQUIRED.
NO. OF POSITIONS PER ROW
PLATING CODE
BASE PART NUMBER

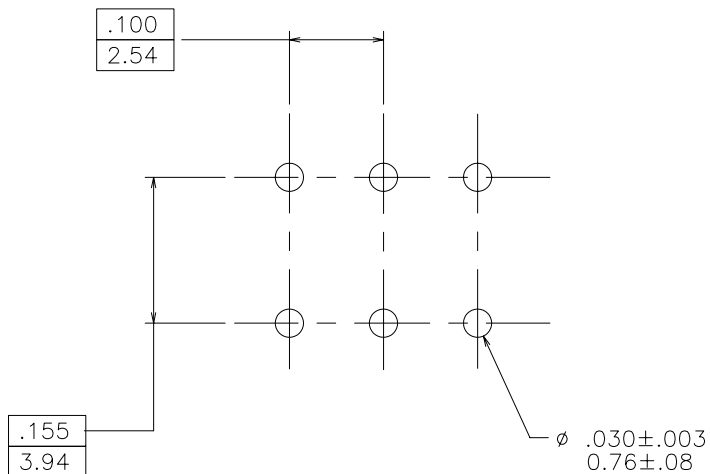


mat'l. code				surface		tolerance		projection	product family			
-				ISO 1302 ✓		ISO 406 ISO 1101			DUBOX			
ltr	ecn	no	dr	date				tolerances unless otherwise specified				
F	V50510	MRC	06/29/95	angles	linear	.XX ±.3			INCH/MM	DUBOX D/R DBL. ENTRY VERT. CARD CONN. ASS'Y. .050 LEG		
G	V11678	GIP	01/21/02			.XXX ±.005/.13						
H	V03-0310	HTB	05/02/03			0°±2'						
J	V05-0463	DPU	06/25/05	dr	J. SHREINER	01/30/91			FCI	dwg no		
K	M06-0237	MN	06/19/06	enr	M. HAHN	01/30/91						
L	M06-0433	AGS	10/31/06	chr	M. HAHN	01/30/91						
M	M07-0203	AGS	5/02/07	appd	M. HAHN	01/30/91						
sheet		revision		M	M	M	M			sheet 1 of 4 size		
index		sheet		1	2	3	4					

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NOTES.

1. MATERIAL HOUSING. P.P.S.
COLOR BLACK. FLAME RETARDANT PER UL-94-VO.
THIS PART WILL WITHSTAND EXPOSURES TO 260°C
PEAK TEMPERATURE FOR 20 SECONDS IN WAVE SOLDER,
INFRA-RED OR VAPOR PHASE SOLDER PROCESS.
2. MATERIAL TERMINAL. PHOSPHOR BRONZE.
3. RECOMMENDED APPLICATION DATA.
A. RECOMMENDED HOLE PATTERN IS SHOWN IN FIG. 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
- ④ SPECIAL PACKAGING.
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 MEET 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 ENVIRONMENT".
- 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	
M					angles	linear			
								DUBOX D/R DBL. ENTRY VERT. CARD CONN. ASS'Y. .050 LEG	
					0°±2'				
					dr	J. SHREINER	01/30/91	dwg no	
					enr	M. HAHN	01/30/91		
					chr	M. HAHN	01/30/91	sheet 2 of 4 size	
					appd	M. HAHN	01/30/91		
sheet	revision							type Product Customer Drawing	
index	sheet								



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PRODUCT NO NOTE 6	PLATING CONTACT AREA	PLATING SOLDER TAIL
68776-2XX	15u"/.38u Au MIN OVER 50u"/1.27u Ni MIN SEE NOTE 9	100u"/160u" 2.54u/4.06u ^{SN}
68776-3XX	30u"/.76u Au MIN OVER 50u"/1.27u Ni MIN SEE NOTE 9	100u"/160u" 2.54u/4.06u ^{SN}
68776-4XX	100u"/160u" 2.54u/4.06u ^{SN}	100u"/160u" 2.54u/4.06u ^{SN}
68776-8XX	30u"/.76u Au MIN OVER 50u"/1.27u Ni MIN	100u"/160u" 2.54u/4.06u ^{SN}
68776-9XX	30u"/.76u Au MIN OVER 50u"/1.27u Ni MIN SEE NOTE 9	100u"/160u" 2.54u/4.06u ^{SN}

OBSOLETE

NOTE 4

mat'l. code -				surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection 	product family DUBOX
ltr	ecn	no	dr	date	tolerances unless otherwise specified	INCH/MM scale 4:1 	title
M					linear .xx ±/.3		DUBOX D/R DBL. ENTRY VERT.
					0'±2'		CARD CONN. ASS'Y. .050 LEG
					linear .xxx ±.005/.13 .xxxx ±.0020/.051		
				dr	J. SHREINER 01/30/91		dwg no sheet 3 of 4 size
				enr	M. HAHN 01/30/91		68776 A3
				chr	M. HAHN 01/30/91		
				appd	M. HAHN 01/30/91		type Product Customer Drawing
sheet index	revision sheet						



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PRODUCT NUMBER	NO. OF POSITION	C DIM	D DIM	LF OPTION
68776-Y02	2 X 2	.100/2.54	.217/5.51	NOTE 6
-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	
68776-Y25	2 X 25	2.400/60.96	2.517/63.93	

PRODUCT NUMBER	NO. OF POSITION	C DIM	D DIM	LF OPTION
68776-Y26	2 X 26	2.500/63.50	2.617/66.47	NOTE 6
-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	
-Y35	2 X 35	3.400/86.36	3.517/89.33	
-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	
68776-Y50	2 X 50	4.900/124.46	5.017/127.43	

mat'l. code				surface ISO 1302 ☒		tolerance ISO 406 ☒ ISO 1101		projection 		product family DUBOX			
ltr				ecn		no		dr		date		title	
M												DUBOX D/R DBL. ENTRY VERT. CARD CONN. ASS'Y. .050 LEG	
				angles		linear		.XX ±/3		INCH/MM		dwg no	
				0'±2'				.XXX ±.005/.13		scale 4:1		sheet 4 of 4 size	
				dr		J. SHREINER		01/30/91				A3	
				enrg		M. HAHN		01/30/91					
				chr		M. HAHN		01/30/91					
				appd		M. HAHN		01/30/91					
sheet index		revision sheet											

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