



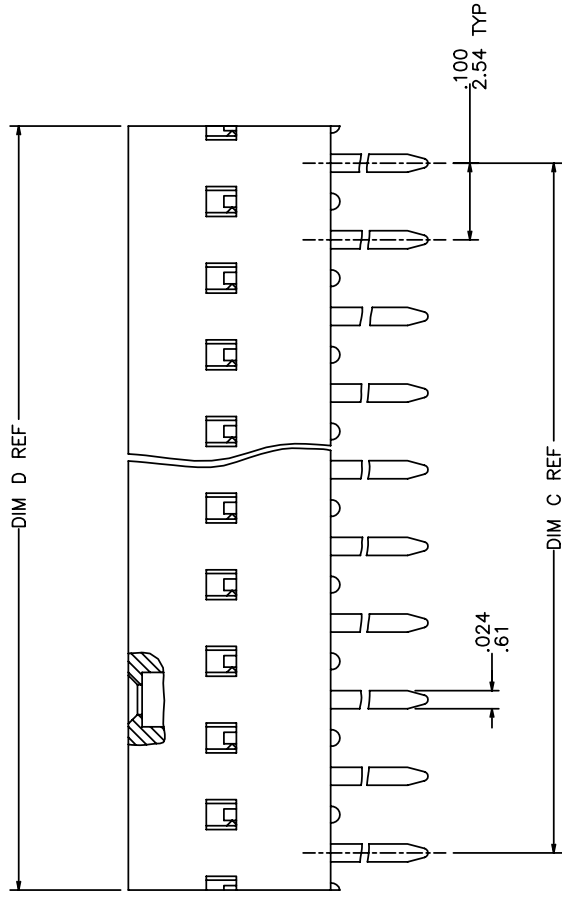
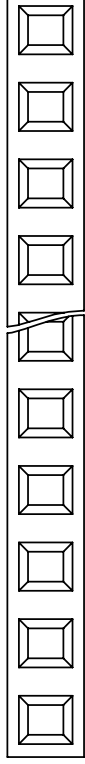
THE DATASHEET OF
68685-607



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				
	ISO 1302 ✓				
l'techn	ngdr	date	tolerances	unles	lineo
W	N-005262	SH	2011-8-22	angles	
P	V03-0308	HTB	04/30/03		
R	V04-0002	HTB	01/06/04	0±2°	
S	V05-0463	DPU	06/27/05	br	S. RAU
T	M06-0237	MIN	06/19/06	lengr	M. HA
U	M06-0433	AGS	10/31/06	chr	M. HA
V	M07-0203	MHT	5/01/07	apppd	M. HA
sheet	revisio	h	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"/1.27u NI	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

A

NOTES:

- MATERIAL HOUSING: PPS, COLOR - RETARDANT PER UL-94V-0. THIS PART WILL WITHSTAND EXPOSURE TO PEAK TEMPERATURE FOR 20 SECONDS IN INFRA-RED OR VAPOR PHASE SOLIDIFICATION.
- MATERIAL TERMINAL: PHOSPHOR BRONZE.
- RECOMMENDED APPLICATION DATA:
 - RECOMMENDED HOLE PATTERN
 - ALL MATING PINS TO BE .025" DIA. WITH GIVEN TERMINAL SPACINGS WITHIN TOLERANCES.
 - SUGGESTED MATING PIN LENGTH
 - RECOMMENDED PC BOARD THICKNESS
- FCI, FCI FINAL PART NUMBER AND THIS PART TO BE MARKED ON TUBE LABEL.
- PREPLATED STAMPED TERMINALS.
- STANDARD TUBE PACKAGE PER BUENOS AIRES.
- PART NUMBER WITH SUFFIX "U" FOR UNPLATED.
- ADD LF SUFFIX AT THE END OF PART NUMBER.
- THIS PRODUCT MEETS EUROPEAN UNION ROHS COMPLIANCE AS DESCRIBED IN IEC 60950-1.
- THIS PRODUCT HAS 100% TIN PLATING ON THE INTERFACES AND HAS NOT BEEN TESTED FOR LEAD GROWTH IN ALL INTERCONNECT ENVIRONMENTS.

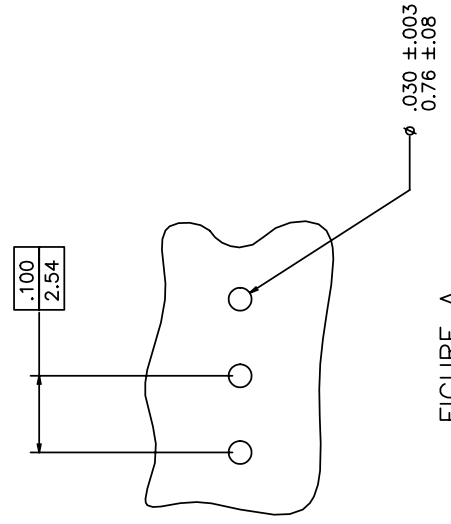


FIGURE A

Copyright FCI

C

mat'l. code		surface	
l'triec'n	ng'dr	date	ISO 1302
W			tolerances unles
			angles
			lineo
			Ø±Z
			dr
			S. RAI
			enigh
			M. HA
			chr
			M. HA
			appd
			M. HA
sheet	revision		
index	sheet		

Form A3

3

2

1

4 PDS: Rev

1 | 2 | 3 | 4

PRODUCT NUMBER	NO. OF POSITION	DIM C	DIM D	LF OPTION
68685-Y02	1 X 2	.100/2.54	.217/5.51	NOTE 8
-Y03	1 X 3	.200/5.08	.317/8.05	
-Y04	1 X 4	.300/7.62	.417/10.59	
-Y05	1 X 5	.400/10.16	.517/13.13	
-Y06	1 X 6	.500/12.70	.617/15.67	
-Y07	1 X 7	.600/15.24	.717/18.21	
-Y08	1 X 8	.700/17.78	.817/20.75	
-Y09	1 X 9	.800/20.32	.917/23.29	
-Y10	1 X 10	.900/22.86	1.017/25.83	
-Y11	1 X 11	1.000/25.40	1.117/28.37	
-Y12	1 X 12	1.100/27.94	1.217/30.91	
-Y13	1 X 13	1.200/30.48	1.317/33.45	
-Y14	1 X 14	1.300/33.02	1.417/35.99	
-Y15	1 X 15	1.400/35.56	1.517/38.53	
-Y16	1 X 16	1.500/38.10	1.617/41.07	
-Y17	1 X 17	1.600/40.64	1.717/43.61	
-Y18	1 X 18	1.700/43.18	1.817/46.15	
-Y19	1 X 19	1.800/45.72	1.917/48.69	
-Y20	1 X 20	1.900/48.26	2.017/51.23	
-Y21	1 X 21	2.000/50.80	2.117/53.77	
-Y22	1 X 22	2.100/53.34	2.217/56.31	
-Y23	1 X 23	2.200/55.88	2.317/58.85	
-Y24	1 X 24	2.300/58.42	2.417/61.39	
-Y25	1 X 25	2.400/60.96	2.517/63.93	
-Y26	1 X 26	2.500/63.50	2.617/66.47	
-Y27	1 X 27	2.600/66.04	2.717/69.01	
-Y28	1 X 28	2.700/68.58	2.817/71.55	
-Y29	1 X 29	2.800/71.12	2.917/74.09	
-Y30	1 X 30	2.900/73.66	3.017/76.63	
-Y31	1 X 31	3.000/76.20	3.117/79.17	
-Y32	1 X 32	3.100/78.74	3.217/81.71	
-Y33	1 X 33	3.200/81.28	3.317/84.25	
-Y34	1 X 34	3.300/83.82	3.417/86.79	
68685-Y35	1 X 35	3.400/86.36	3.517/89.33	

NOTE 8

PRODUCT NO	NO. OF POSITION	DIM C	D
68685-Y36	1 X 36	3.500/88.90	3.61
-Y37	1 X 37	3.600/91.44	3.71
-Y38	1 X 38	3.700/93.98	3.81
-Y39	1 X 39	3.800/96.52	3.91
-Y40	1 X 40	3.900/99.06	4.01
-Y41	1 X 41	4.000/101.60	4.11
-Y42	1 X 42	4.100/104.14	4.21
-Y43	1 X 43	4.200/106.68	4.31
-Y44	1 X 44	4.300/109.22	4.41
-Y45	1 X 45	4.400/111.76	4.51
-Y46	1 X 46	4.500/114.30	4.61
-Y47	1 X 47	4.600/116.84	4.71
-Y48	1 X 48	4.700/119.38	4.81
-Y49	1 X 49	4.800/121.92	4.91
68685-Y50	1 X 50	4.900/124.46	5.01
68685-Y50U	1 X 50	4.900/124.46	5.01



Copyright FCI

mat'l. code	surface ISO 1302
l'triecn n'gdr	date
W	tolerances unles
	angles lineo
	0±2'
	dr
	S. RAA
	enigh M. HA
	chr M. HA
	apptd M. HA
sheet revision	
index sheet	

Form A3

3



2

1

4 PDS: Rev

Looking for pricing, stock, or lifecycle information?

Click below to explore more details on WIN SOURCE:

-  [View 68685-607 on WIN SOURCE](#)
-  [Amphenol FCI Information](#)

Optimize Your Supply Chain with WIN SOURCE Solutions

-  Global Sourcing Solution
-  Obsolete Management
-  Cost Control Management
-  Shortage Management
-  Alternative Solution
-  Excess Inventory Management