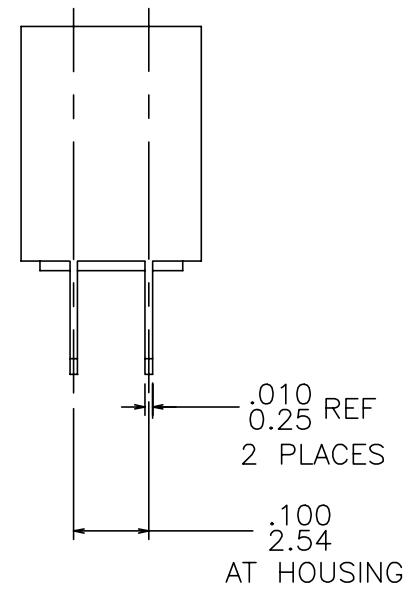
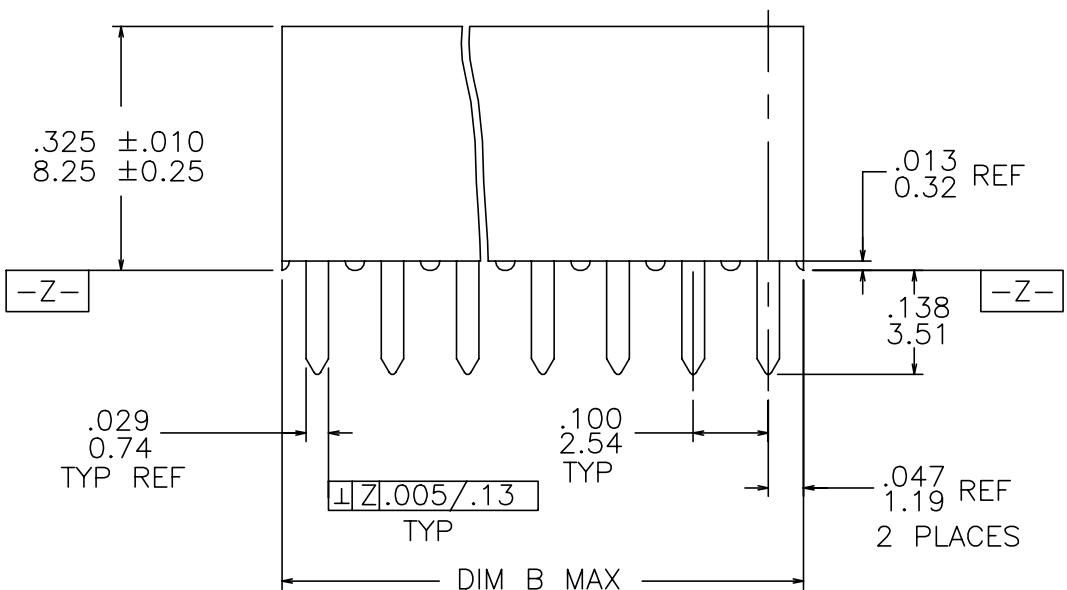
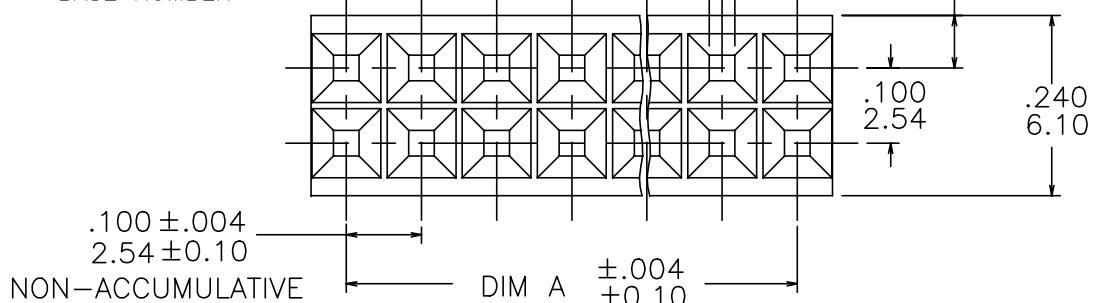


66953-XXXLF

LEAD FREE OPTION (NOTE 5,6)
 NUMBER OF POSITONS
 MARKING CODE (SEE TABLE)
 BASE NUMBER



mat'l. code			surface / ISO 1302 ✓		tolerance / ISO 406 ISO 1101	projection	product family
ltr	ecn	nodr	date	tolerances unless otherwise specified			title
R	ELX-N-14785	ZK	5/17/13	angles	.XX±.01/X±.3	INCH/MM	VCC
K	V70788	LSS	6/12/97	linear	.XXX±.005/XXX±.13		
L	V80354	EPK	3/6/98	dr	M. FETROW	6/26/89	
M	V94468	MDF	1/11/00	engr	M. HAHN	6/26/89	
N	M05-0124	MHT	6/06/05	chr	M. HAHN	6/26/89	
P	M07-0143	ERE	03/03/07	oppd	M. HAHN	6/26/89	
sheet		revision	R	R			dwg no
index		sheet	1	2	3		sheet 1 of 3
							size
							66953
							A3
							type
							Product Customer Drawing



PRODUCT NO.	MARKING CODE	PLATING CODE
66953-0XX	STANDARD MARKING PER NOTE 3	BODY PLATING: 30u"/0.76um Au OVER 50u"/1.27um Ni ON CONTACT AREA. 100u"/2.54um Sn (NOTE 8) OVER 50u"/1.27um Ni ON SOLDER TAIL. SPRING PLATING: GOLD FLASH.
66953-8XX	SPECIAL MIL MARKING PER NOTE 5	
66953-1XX	STANDARD MARKING PER NOTE 3	BODY PLATING: 30u"/0.76um Au OVER 50u"/1.27um Ni ON CONTACT AREA. GOLD FLASH OVER 50u"/1.27um Ni ON SOLDER TAIL. SPRING PLATING: GOLD FLASH.

— OBS

NOTES

1. HOUSING MATERIAL: FILLED POLYESTER,
FLAME RETARDANT PER UL 94V-0.
COLOR: BLACK.
2. TERMINAL MATERIAL:
BODY: COPPER ALLOY
SPRING: COPPER ALLOY
3. MARK FCI PART NUMBER AND DATE CODE LEGIBLE ON TUBE LABEL.
4. APPLICATION INFORMATION.
 - A. RECOMMENDED MOUNTING HOLE PATTERN IS SHOWN IN FIG. 1
 - B. ALL MATING PINS TO BE .025/.64 SQUARE ON TRUE CENTER OF GIVEN TERMINAL SPACINGS, WITHIN .015/.38 DIAMETER.
 - C. SUGGESTED MATING PIN LENGTH, .210 \pm .020/5.33 \pm .51.
5. ADD "LF" SUFFIX AT THE END OF PART NUMBER FOR LEAD FREE OPTION.
6. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATION AS DESCRIBED IN GS-22-008.
7. THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 15 SECONDS IN A WAVE SOLDER APPLICATION WITH A 1.5mm MINIMUM THICK CIRCUIT BOARD. SEE APPLICATION NOTES/PROCEDURES IF THEY ARE AVAILABLE.
8. "THIS PRODUCT HAS 100% TIN PLATING IN THE INTERFACE AND HAS NOT BEEN TESTED FOR WHISKER GROWTH IN ALL INTERCONNECT ENVIRONMENTS."

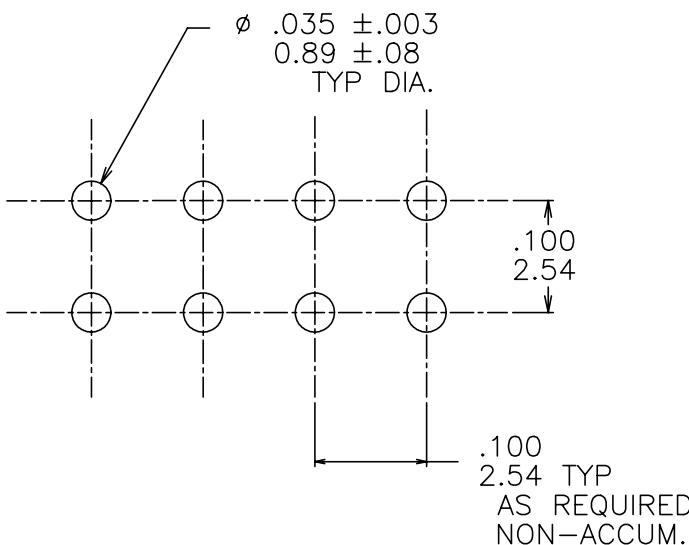


FIG. 1
SCALE 6:1

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mat'l. code			surface	tolerance	projection	product family		
			ISO 1302 ✓	ISO 406 ISO 1101		VCC		
ltr	ecn	nodr	date	tolerances unless otherwise specified				
P				angles	.XX±.01/XX±.3	INCH/MM 		
				linea	XXX±.0005/XXX±.13			
					0°±2°			
				scale 1:1				
	dr	M. FETROW	6/26/89		dwg no	sheet 2 of 3	size	
	engr	M. HAHN	6/26/89		66953	A3		
	chr	M. HAHN	6/26/89					
	appd	M. HAHN	6/26/89					
sheet	revision				type	Product	Customer	Drawing
index	sheet							

PRODUCT NO.	NO OF POSITIONS	DIM A	DIM B	DESC PART NUMBER ON -8XX SERIES ONLY
66953-Y01	U N A S S I G N E D			
-Y02	2 X 2	.100/2.54	.200/5.08	WWWWWW-02
-Y03	2 X 3	.200/5.08	.300/7.62	WWWWWW-03
-Y04	2 X 4	.300/7.62	.400/10.16	WWWWWW-04
-Y05	2 X 5	.400/10.16	.500/12.70	WWWWWW-05
-Y06	2 X 6	.500/12.70	.600/15.24	WWWWWW-06
-Y07	2 X 7	.600/15.24	.700/17.78	WWWWWW-07
-Y08	2 X 8	.700/17.78	.800/20.32	WWWWWW-08
-Y09	2 X 9	.800/20.32	.900/22.86	WWWWWW-09
-Y10	2 X 10	.900/22.86	1.000/25.40	WWWWWW-10
-Y11	2 X 11	1.000/25.40	1.100/27.94	WWWWWW-11
-Y12	2 X 12	1.100/27.94	1.200/30.48	WWWWWW-12
-Y13	2 X 13	1.200/30.48	1.300/33.02	WWWWWW-13
-Y14	2 X 14	1.300/33.02	1.400/35.56	WWWWWW-14
-Y15	2 X 15	1.400/35.56	1.500/38.10	WWWWWW-15
-Y16	2 X 16	1.500/38.10	1.600/40.64	WWWWWW-16
-Y17	2 X 17	1.600/40.64	1.700/43.18	WWWWWW-17
-Y18	2 X 18	1.700/43.18	1.800/45.72	WWWWWW-18
-Y19	2 X 19	1.800/45.72	1.900/48.26	WWWWWW-19
-Y20	2 X 20	1.900/48.26	2.000/50.80	WWWWWW-20
-Y21	2 X 21	2.000/50.80	2.100/53.34	WWWWWW-21
-Y22	2 X 22	2.100/53.34	2.200/55.88	WWWWWW-22
-Y23	2 X 23	2.200/55.88	2.300/58.42	WWWWWW-23
-Y24	2 X 24	2.300/58.42	2.400/60.96	WWWWWW-24
-Y25	2 X 25	2.400/60.96	2.500/63.50	WWWWWW-25
-Y26	2 X 26	2.500/63.50	2.600/66.04	WWWWWW-26
-Y27	2 X 27	2.600/66.04	2.700/68.58	WWWWWW-27
-Y28	2 X 28	2.700/68.58	2.800/71.12	WWWWWW-28
-Y29	2 X 29	2.800/71.12	2.900/73.66	WWWWWW-29
-Y30	2 X 30	2.900/73.66	3.000/76.20	WWWWWW-30
-Y31	2 X 31	3.000/76.20	3.100/78.74	WWWWWW-31
-Y32	2 X 32	3.100/78.74	3.200/81.28	WWWWWW-32
-Y33	2 X 33	3.200/81.28	3.300/83.82	WWWWWW-33
-Y34	2 X 34	3.300/83.82	3.400/86.36	WWWWWW-34
-Y35	2 X 35	3.400/86.36	3.500/88.90	WWWWWW-35
66953-Y36	2 X 36	3.500/88.90	3.600/91.44	WWWWWW-36

OBS

LF PRODUCT NO.	NO OF POSITIONS	DIM A	DIM B	DESC PART NUMBER ON -8XX SERIES ONLY
66953-Y01LF	U N A S S I G N E D			
-Y03LF	2 X 3	.200/5.08	.300/7.62	WWWWWW-03
-Y04LF	2 X 4	.300/7.62	.400/10.16	WWWWWW-04
-Y05LF	2 X 5	.400/10.16	.500/12.70	WWWWWW-05
-Y06LF	2 X 6	.500/12.70	.600/15.24	WWWWWW-06
-Y07LF	2 X 7	.600/15.24	.700/17.78	WWWWWW-07
-Y08LF	2 X 8	.700/17.78	.800/20.32	WWWWWW-08
-Y09LF	2 X 9	.800/20.32	.900/22.86	WWWWWW-09
-Y10LF	2 X 10	.900/22.86	1.000/25.40	WWWWWW-10
-Y11LF	2 X 11	1.000/25.40	1.100/27.94	WWWWWW-11
-Y12LF	2 X 12	1.100/27.94	1.200/30.48	WWWWWW-12
-Y13LF	2 X 13	1.200/30.48	1.300/33.02	WWWWWW-13
-Y14LF	2 X 14	1.300/33.02	1.400/35.56	WWWWWW-14
-Y15LF	2 X 15	1.400/35.56	1.500/38.10	WWWWWW-15
-Y16LF	2 X 16	1.500/38.10	1.600/40.64	WWWWWW-16
-Y17LF	2 X 17	1.600/40.64	1.700/43.18	WWWWWW-17
-Y18LF	2 X 18	1.700/43.18	1.800/45.72	WWWWWW-18
-Y19LF	2 X 19	1.800/45.72	1.900/48.26	WWWWWW-19
-Y20LF	2 X 20	1.900/48.26	2.000/50.80	WWWWWW-20
-Y21LF	2 X 21	2.000/50.80	2.100/53.34	WWWWWW-21
-Y22LF	2 X 22	2.100/53.34	2.200/55.88	WWWWWW-22
-Y23LF	2 X 23	2.200/55.88	2.300/58.42	WWWWWW-23
-Y24LF	2 X 24	2.300/58.42	2.400/60.96	WWWWWW-24
-Y25LF	2 X 25	2.400/60.96	2.500/63.50	WWWWWW-25
-Y26LF	2 X 26	2.500/63.50	2.600/66.04	WWWWWW-26
-Y27LF	2 X 27	2.600/66.04	2.700/68.58	WWWWWW-27
-Y28LF	2 X 28	2.700/68.58	2.800/71.12	WWWWWW-28
-Y29LF	2 X 29	2.800/71.12	2.900/73.66	WWWWWW-29
-Y30LF	2 X 30	2.900/73.66	3.000/76.20	WWWWWW-30
-Y31LF	2 X 31	3.000/76.20	3.100/78.74	WWWWWW-31
-Y32LF	2 X 32	3.100/78.74	3.200/81.28	WWWWWW-32
-Y33LF	2 X 33	3.200/81.28	3.300/83.82	WWWWWW-33
-Y34LF	2 X 34	3.300/83.82	3.400/86.36	WWWWWW-34
-Y35LF	2 X 35	3.400/86.36	3.500/88.90	WWWWWW-35
66953-Y36LF	2 X 36	3.500/88.90	3.600/91.44	WWWWWW-36

mat'l. code		surface	tolerance	projection	product family
ISD 1302		ISO 406	ISO 1101		VCC
ltr	ecn	ndr	date	tolerances unless otherwise specified	
R				XX±.01/X±.3	INCH/MM
				XXX±.005/XXX±.13	
				XXX±.0020/XXX±.051	scale 1:1
				dr M. FETROW 6/26/89	
				engr M. HAHN 6/26/89	
				chr M. HAHN 6/26/89	
				appd M. HAHN 6/26/89	
sheet	revision				
index	sheet				

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