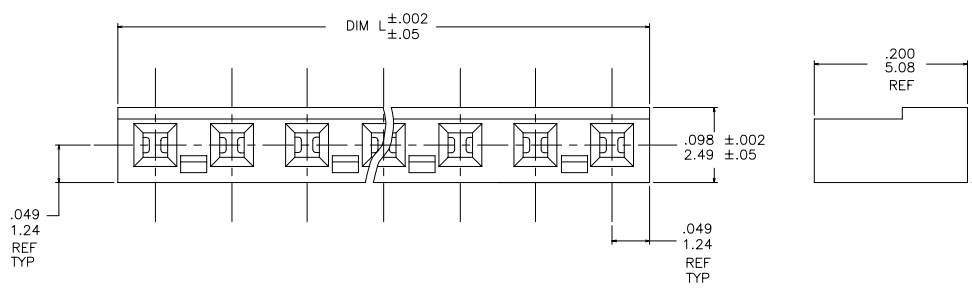
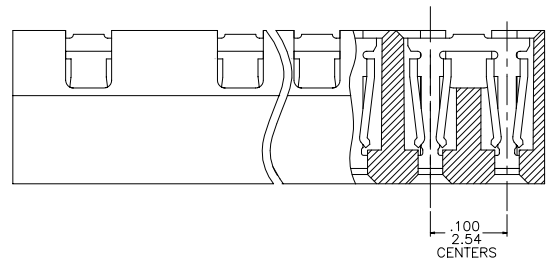


PRODUCT NO.  
SEE TABLE

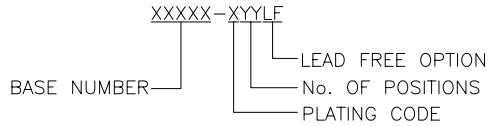


mat'l. code		surface	tolerance	projection	product family
		ISO 1302 ✓	ISO 406	 INCH/MM	JUMPER
			ISO 1101		title
ltr	ecn no dr	date	tolerances unless otherwise specified		S. R. MULTI POSITION
A	RELEASE	JGS	4/1/91	angles	LOW PROFILE JUMPER ASS'Y
B	V11440	MRC	7/19/91	linear	
C	V80322	SAR	5/21/98	0°±2'	scale 1:1
D	M05-0205	ERE	09/29/05	dr	J. SHREINER 4/1/91
E	M06-0238	MN	06/17/06	enrg	M.HAHN 4/1/91
F	M06-0389	AGS	10/4/06	chr	M.HAHN 4/1/91
				appd	M.HAHN 4/1/91
sheet index	revision sheet	F	F		
		1	2		

sheet 1 of 2 size  
69146  
A3  
type Product Customer Drawing

PDM: Rev:F STATUS:Released Printed: Mar 23, 2011

PRODUCT NO.	NO. OF POS.	DIM L	LEAD FREE OPTION
69146-X04	1 X 4	.398/10.11	NOTE 3,4
-X06	1 X 6	.598/15.19	
-X08	1 X 8	.798/20.27	
-X10	1 X 10	.998/25.35	
-X12	1 X 12	1.198/30.43	
-X14	1 X 14	1.398/35.51	
-X16	1 X 16	1.598/40.59	
-X18	1 X 18	1.798/45.67	
69146-X20	1 X 20	1.998/50.75	NOTE 3,4



NOTES:

- ① MATERIAL; POLYESTER, FLAME RETARDANT PER UL-94-V0. COLOR - BLACK
2. RECOMMENDED APPLICATION DATA:
  - A. ALL MATING PINS TO BE .025/64 SQ.ON TRUE CENTER OF GIVEN TERMINAL SPACING WITHIN .015/.38 DIA.
  - B. SUGGESTED MATING PIN LENGTH .160/4.06 MIN.
- ③ ADD "LF" SUFFIX AT THE END OF PART NUMBER FOR LEAD FREE OPTION.
- ④ THESE PRODUCTS MEET EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
5. THE PRODUCT IS NOT INTENDED TO BE EXPOSED TO A MANUFACTURING SOLDER PROCESS.
- ⑥ "THIS PRODUCT HAS 100% TIN PLATING IN THE INTERFACE AND HAS NOT BEEN TESTED FOR WHISKERS GROWTH IN ALL INTERCONNECT ENVIRONMENTS."

CONTACT PLATING:

- 1XX 15μ"/0.38μ Au OVER 50μ"/1.27μ Ni
- 2XX 30μ"/0.76μ Au OVER 50μ"/1.27μ Ni
- 3XXLF 100μ"/2.54μ Sn OVER 50μ"/1.27μ Ni (NOTE 6)
- ~~--4XX Au FLASH OVER 50μ"/1.27μ Ni in CONTACT AREA-- OBSOLETE~~

mat'l. code	surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection 	product family JUMPER
ltr	ecn	no	dr	date
F				
tolerances unless otherwise specified			title	
angles	linear	.XXX.01/3 .XXX±.005/.13 XXXX±.0020/.05	S. R. MULTI POSITION LOW PROFILE JUMPER ASS'Y	
dr	J. SHREINER	4/1/91	scale 1:1	
enr	M.HAHN	4/1/91	dwg no 69146 sheet 2 of 2 size A3	
chr	M.HAHN	4/1/91	type Product Customer Drawing	
appd	M.HAHN	4/1/91		
sheet index	revision sheet			