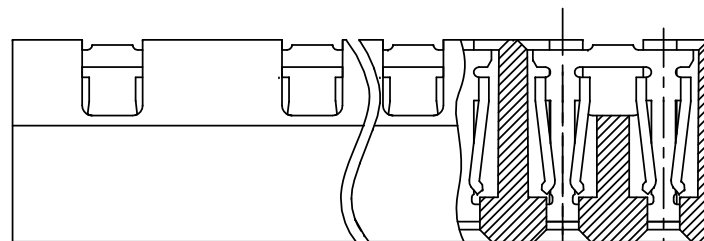
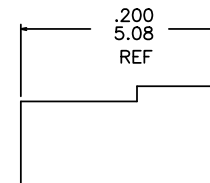
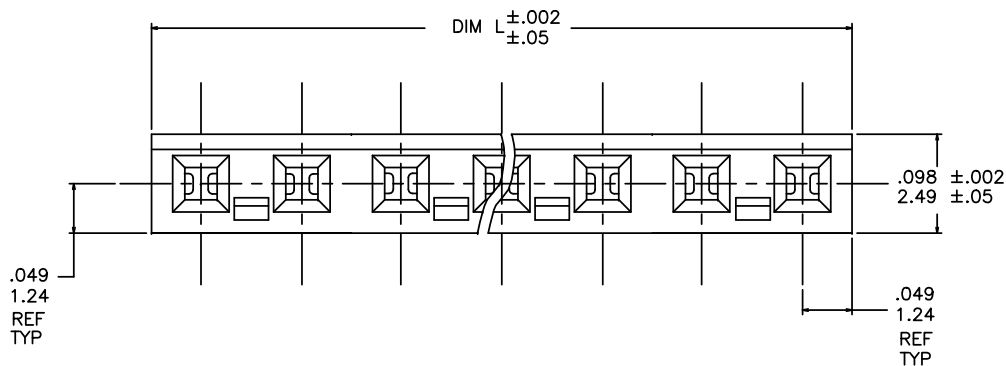




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PRODUCT NO.
SEE TABLE.100
2.54
CENTERS

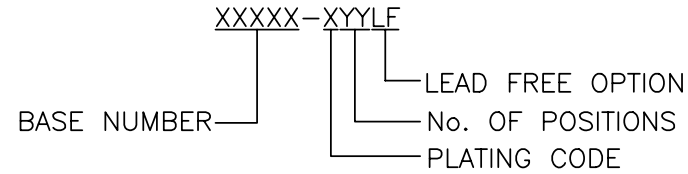
mat'l. code			surface	tolerance	projection	product family	
ISO 1302			ISO 406	ISO 1101		JUMPER	
tolerances unless otherwise specified						title	
ltr	ecr	nodr	date	angles	linear	INCH/MM	
A	RELEASE	JGS	4/1/91		.XX±.01/.3	S. R. MULTI POSITION	
B	V11440	MRC	7/19/91		.XXX±.005/.13	LOW PROFILE JUMPER ASS'Y	
C	V80322	SAR	5/21/98	0°±2°	.XXXX±.0020/.05	scale 1:1	
D	M05-0205	ERE	09/29/05	dr	J. SHREINER	4/1/91	dwg no
E	M06-0238	MN	06/17/08	engr	M.HAHN	4/1/91	sheet of 2
F	M06-0389	AGS	10/4/06	chr	M.HAHN	4/1/91	size
G	EX-N-011707	JZ	2012-05-04	appd	M.HAHN	4/1/91	A3
sheet		revision	6	G	FCI		
index		sheet	1	2	type Product Customer Drawing		

Form A3

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	NOTE 3,4
69146-X20	1 X 20	1.998/50.75	

CONTACT PLATING:

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



NOTES:

- MATERIAL; POLYESTER,FLAME RETARDANT PER UL-94-V0. COLOR - BLACK
- RECOMMENDED APPLICATION DATA:
 - A. ALL MATING PINS TO BE .025/.64 SQ.ON TRUE CENTER OF GIVEN TERMINAL SPACEING WITHIN .015/.38 DIA.
 - B. SUGGESTED MATING PIN LENGTH .160/4.06 MIN.
- ADD "LF" SUFFIX AT THE END OF PART NUMBER FOR LEAD FREE OPTION.
- THESE PRODUCTS MEET EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
- THE PRODUCT IS NOT INTENDED TO BE EXPOSED TO A MANUFACTURING SOLDER PROCESS.
- "THIS PRODUCT HAS 100% TIN PLATING IN THE INTERFACE AND HAS NOT BEEN TESTED FOR WHISKERS GROWTH IN ALL INTERCONNECT ENVIRONMENTS."
- PRODUCT SPECIFICATION: BUS-12-071.

mat'l. code		surface ISO 1302		tolerance ISO 406 ISO 1101		projection INCH/MM		product family JUMPER	
ltr ecn nchr date		tolerances unless otherwise specified		angles		linear		title	
G				0°±2'		.001±.01/.3 .001±.005/.13 .001±.0020/.05		S. R. MULTI POSITION LOW PROFILE JUMPER ASS'Y	
		dr J. SHREINER		4/1/91		scale 1:1		dwg no 69146	
		engr M.HAHN		4/1/91		FCI		shee 2 of 2 size A3	
		chr M.HAHN		4/1/91					
		appd M.HAHN		4/1/91				type Product Customer Drawing	
sheet index		revision sheet							