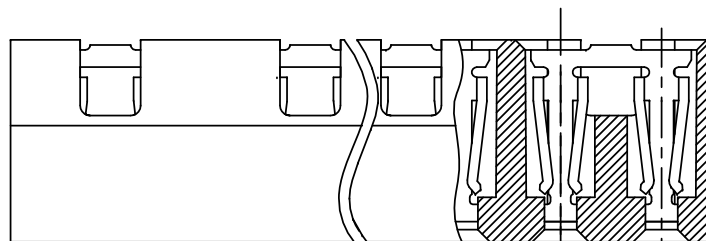




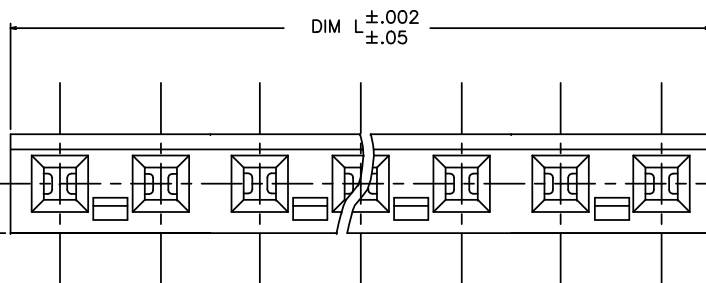
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PRODUCT NO.
SEE TABLE

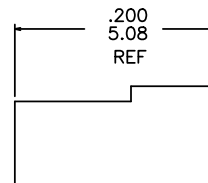


.100
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CENTERS



.049
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REF
TYP



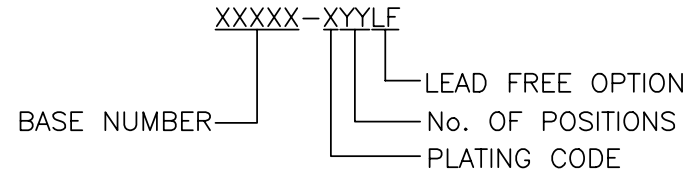
mat'l. code			surface ☒ tolerance ☒		projection		product family	
ISO 1302			ISO 406		ISO 1101		JUMPER	
ltr	ecr	nodr	date		tolerances unless otherwise specified		title	
A	RELEASE	JGS	4/1/91		angles	.XX±.01/.3	S. R. MULTI POSITION	
B	V11440	MRC	7/19/91		linear	.XXX±.005/.13	LOW PROFILE JUMPER ASS'Y	
C	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	FCI
E	M06-0238	MN	06/17/08		engr	M.HAHN	4/1/91	
F	M06-0389	AGS	10/4/06		chr	M.HAHN	4/1/91	dwg no
G	EX-N-011707	JZ	2012-05-04		appd	M.HAHN	4/1/91	
sheet	revision	6	G					sheet 1 of 2
index	sheet	1	2					size A3
							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	
69146-X20	1 X 20	1.998/50.75	NOTE 3,4

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		scale 1:1		title S. R. MULTI POSITION LOW PROFILE JUMPER ASS'Y	
G				.001±.01/.3				dwg no 69146	
				.001±.005/.13				shee 2 of 2 size A3	
				.001±.0020/.05				type Product Customer Drawing	
dr J. SHREINER 4/1/91		engr M.HAHN 4/1/91		chr M.HAHN 4/1/91		appd M.HAHN 4/1/91			
sheet index		revision sheet							