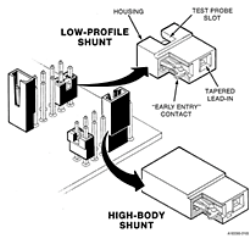


**68786-102 - Mini-Jump™ :**  
**2.54 mm (0.1 in.) Centerline,**  
**Low Profile Single Row Shunt**  
**Color White 0.76 μm (30 μin.)**  
**Gold Plating**



ACTIVE



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**Alternate Products**

68786-102LF

**Specifications**

**General**

Number of contacts (Total)	2
Number of rows	1
Mating half	0.64 mm (0.025 in.) Square Pins of 3.68 mm (0.145 in.) min. Height
Series Number	68786

**Dimensional**

Dim A (in)	0.2 in.
Dim A (mm)	5.08 mm
Spacing (Center line)	2.54 mm (0.1 in.)
Height (Housing)	5.08 mm (0.2 in.)

**Electrical**

Current rating	2.5 amps
Resistance (Contact)	15 milli ohms (Initial), 20 milli ohms (After test)
Resistance (Insulation)	50000 M-ohms min.
Voltage rating	800V AC rms (Sea level)

**Mechanical**

Durability (Mating cycles)	50
Insertion force	450gf (1lbf) max.
Withdrawal Force	30gf (0.06lbf) min.

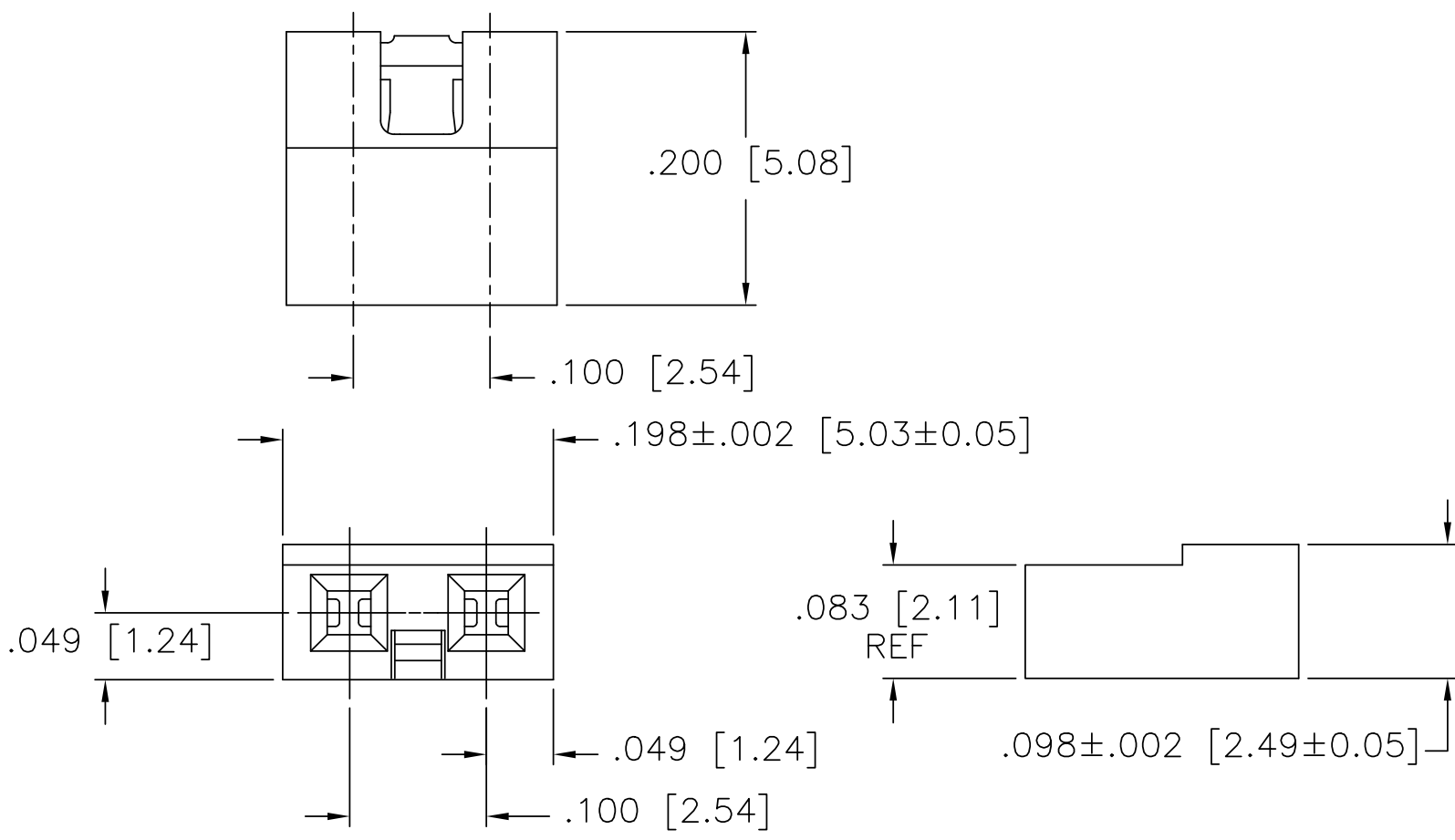
**Physical**

Color (Housing)	White
Material (Contact)	Copper Alloy
Material (Housing)	Glass-Filled PBT
Plating (Contact area)	0.38 μm (15 μin.) Gold
Underplating (Contact)	1.27 μm (50 μin.) Nickel
Temperature (Range)	-55°C to +120°C

**Approvals / Certifications**

<b>UL File Number</b>	E66906
<b>CSA File Number</b>	LR46923
<b>Approvals / Certifications</b>	UL and CSA Approved
<b>Other Features</b>	
<b>Packaging (Type)</b>	Bag
<b>Literature</b>	950559-001

PRODUCT NUMBER  
SEE TABLE



mat'l. code		surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection ⊕		product family JUMPER	
ltr ecn nldr date		tolerances unless otherwise specified		title		1X2 LOW PROFILE JUMPER ASSEMBLY			
S	BLX-N-011711	JZ	2012-05-04	angles	linear	INCH/MM		dwg no	
L	M05-0205	ERE	9/30/05	0°±2'		scale 1:1		sheet of 2	
M	M06-0238	MN	6/16/06	dr	R.EBY	10/07/87		size	
N	M06-0389	AGS	10/4/06	engr	M.HAHN	10/07/87		68786	
P	M08-0209	MHT	7/18/08	chr	M.HAHN	10/07/87		A3	
R	M09-0065	MHT	4/13/09	appd	M.HAHN	10/07/87		type Product Customer Drawing	
sheet	revisions	S	S						
index	sheet	1	2						

PRODUCT No.	CONTACT PLATING	HSG COLOR	LEAD FREE
68786-102	15u"/.38u Au OR GXT OVER 50u"/1.27u Ni	WHITE	NOTE 4
-202	30u"/.76u Au OR GXT OVER 50u"/1.27u Ni	WHITE	
-302	100u"/2.54u Sn	WHITE	
-402	<del>Au FLASH OVER 50u"/1.27u Ni</del>	<del>BLACK</del>	
-103	15u"/.38u Au OR GXT	BLUE	
-203	30u"/.76u Au OR GXT	BLUE	
-303	100u"/2.54u Sn	BLUE	
-403	<del>Au FLASH OVER 50u"/1.27u Ni</del>	<del>BLUE</del>	
-802	<del>SAME AS -202 EXCEPT ADD SPECIAL MIL MARKING</del>		
68786-204	30u"/.76u Au OR GXT OVER 50u"/1.27u Ni	YELLOW	
68786-304	100u"/2.54u Sn	YELLOW	

OBSOLETE  
OBSOLETE  
OBSOLETE

NOTES:

- ① MATERIAL: POLYESTER, FLAME RETARDANT PER UL-94-V0 .
2. RECOMMENDED APPLICATION DATA:
  - A. ALL MATING PINS TO BE .025/.64 SQ ON TRUE CENTERS 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. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATION AS DESCRIBED IN GS-22-008.
5. THIS PRODUCT IS NOT INTENDED TO BE EXPOSED TO A MANUFACTURING SOLDER PROCESS.
6. PRODUCT SPECIFICATION: BUS-12-071.

mat'l. code		surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection 	product family JUMPER
l	tr	ec	n	d	r
date		tolerances unless otherwise specified			title
s		linear	linear	linear	1X2 LOW PROFILE JUMPER ASSEMBLY
		angles	linear	linear	INCH/MM
		0'±2'	linear	linear	scale 1:1
		dr	R.EBY	10/07/87	dwg no
		enr	M.HAHN	10/07/87	68786
		chr	M.HAHN	10/07/87	sheet 2 of 2
		app	M.HAHN	10/07/87	size A3
					type Product Customer Drawing
sheet	revision				
index	sheet				

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 A  
 B  
 C  
 D