

Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[FCI](#)
[8638PSS4006LF](#)

For any questions, you can email us directly:
sales@integrated-circuit.com

1	2	3	4
PLATING ACTIVE ZONE		CHARACTERISTICS	
500 mating/unmating Cu : flash Ni P : 2µm Au: 1.27µm min	500 mating/unmating Cu : flash Ni P : 2µm Au: 0.2µm min (equivalent 0.8µm Au)	200 mating/unmating Cu : flash Ni P : 2µm Au: 0.15µm min (equivalent 0.4µm Au)	CURRENT max A AWG WIRE mm ² AREA ØA ^{+0.1} ₀ ØB±0.1 Clip colour
8638PSS4007LF	8638PSS4006LF	-----	40 8 8.35 4.40 5.50 BLUE
8638PSS2007LF	8638PSS2006LF	-----	20 12 3.31 2.80 3.65 RED
8638PSS1507LF	8638PSS1506LF	8638PSS1505LF	15 14 2.08 2.10 3.00 WHITE
8638PSS1007LF	8638PSS1006LF	-----	10 16 1.31 1.70 2.60 BLACK

NOTE: RoHS INFORMATIONS

- The "LF" products meet European union Directives and regulations as described in GS-22-008
- Termination plating spec: Sn pure matte
- Packaging spec: see GS-14-920

Materials and finish

Active zone: CuZn40 Pb3. Plating: See table
Termination zone (soldering sleeve): CuZn40Pb3
Plating 2µm²µm Cu 3µm²µm Tin pure matte
Clip : Thermoset plastic

Technical characteristics

Peak voltage: 750 Veff.
Operating voltage: 500 Veff.
Temperature range -55 °C +125 °C
Packaged per 100
Current capability : see table

Mechanical characteristics :

Mechanical endurance: 200 or 500 matings/unmatings (see table).
Contact insertion force in insulator:
60N maxi in a hole of 4.80 mm

Examination of product:

Remove all burrs and sharp edges 0.08 maxi
No scratch allowed

21.786^{+0.175}_{-0.125}

10.2±0.1

8.7±0.15

Ø4.73^{+0.04}_{-0.04}

Ø5.2±0.07

Ø4.73^{+0.04}_{-0.04}

Ø5.5^{+0.03}_{-0.06}

2^{+0.1}₀

ØA
ØB

Active zone Clip Termination zone

Mark with		Material	SEE NOTES	Spec ref	
		Mat code	-	surface	-
		Heat treat	-	ISO 1302	ISO 405 ISO 1101
		Plating/Finish	SEE TABLE + NOTES	project fin	mm
Rev	ech no	dr	date	Dr	JARRY 1994/12/13
D	---	JAR	2002/02/28	Eng	JARRY 1994/12/13
C	LS05-006	HFE	2005/04/14	Chr	LEGARE 1994/12/13
D	LS04-0097	LIG	2006/07/27	Appr	LEGARE 1994/12/13
E	LS08-0028	HFE	2008/01/28		
F	F10-0031	GPE	2010/04/12		
G	F12-0834	GPE	2012/11/12		
		FCI THE FEMALE POWER CONTACT		C01-8638-0348	
		FOR SOLDERED CONNECTION		Rev. G	
		Proj/E file	Catalog no	CusPower sheet 1 of 1	

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