

Excellent Integrated System Limited

Stocking Distributor

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

[FCI](#)
[8638PPS1006LF](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

PLATING ACTIVE ZONE			CHARACTERISTICS					
500 mating/unmating Ni: $2\mu\text{m}^{+2\mu\text{m}}_0$ Au: $1.27\mu\text{m min}$	500 mating/unmating Cu : flash Ni P : $2\mu\text{m}^{+2\mu\text{m}}_0$ Au: $0.2\mu\text{m min}$ (equivalent $0.8\mu\text{m Au}$)	200 mating/unmating Cu : flash Ni P : $2\mu\text{m}^{+2\mu\text{m}}_0$ Au: $0.15\mu\text{m min}$ (equivalent $0.4\mu\text{m Au}$)	CURRENT max A	AWG WIRE	mm ² AREA	$\phi A^{+0.1}_0$	$\phi B \pm 0.1$	Clip colour
8638PPS4007LF	8638PPS4006LF	-----	40	8	8.35	4.40	5.50	BLUE
8638PPS2007LF	8638PPS2006LF	-----	20	12	3.31	2.80	3.65	RED
8638PPS1507LF	8638PPS1506LF	8638PPS1505LF	15	14	2.08	2.10	3.00	WHITE
8638PPS1007LF	8638PPS1006LF	-----	10	16	1.34	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 $2\mu\text{m}^{+2\mu\text{m}}_0$ Cu $3\mu\text{m}^{+3\mu\text{m}}_0$ Tin pure matte
Clip : Thermoset plastic

Technical characteristics

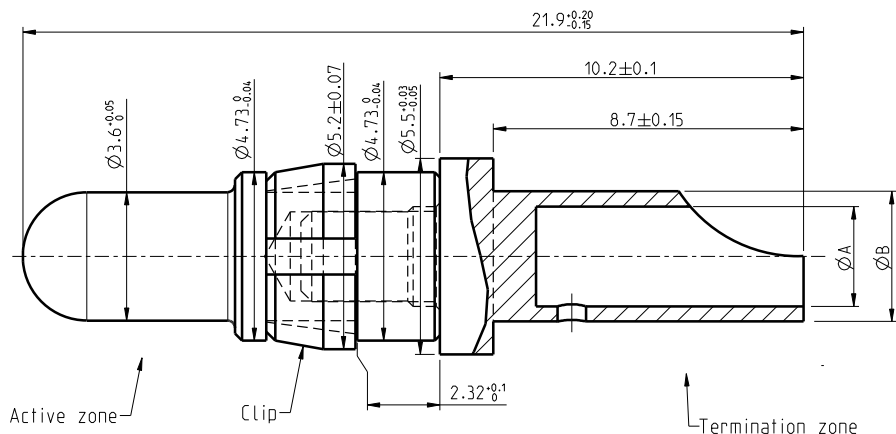
Peak voltage: 750 Veff.
Operating voltage: 500 Veff.
Temperature range -55 °C +125 °C
Packaged per 100
Current capability : see table

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



Mark with		Material	SEE NOTES	Spec ref	
		Mat code	-	surface	✓ tolerance
		Heat/treat	-	ISO 1302	ISO 405
		Plating/Finish	SEE TABLE + NOTES	ISO 1101	ISO 1101
rev	ecr no	dr	date	Dr	JARRY
B	LS05-005	JAR	2002/02/28	Eng	JARRY
C	LS06-0097	MPE	2005/04/14	Ctr	LEGARE
D	LS08-0029	LGO	2006/07/27	Appr	LEGARE
E	F09-0054	MPE	2008/01/28		
F	F10-0031	GPE	2010/04/12		
				Title	
				MALE POWER CONTACT	
				SOLDERED CONNECTION	
				Pro/E file	catalog no
				Title	
				C01-8638-0349	
				Rev.	F

PDM: Rev:F

Customer

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