

1

2

3

4

PLATING ACTIVE ZONE			CHARACTERISTICS					
500 mating/unmating Ni: 2µm 0/+2µm Au: 1.27µm min	500 mating/unmating Cu flash Ni P : 2µm 0/+2µm Au: 0.2µm min (equivalent 0.8µm Au)	200 mating/unmating Cu flash Ni P : 2µm 0/+2µm Au: 0.15µm min (equivalent 0.4 µm Au)	CURRENT max A	AWG WIRE	mm ² AREA	ØA +0 -0.05	ØB +0 -0.05	Clip colour
8638PPC4007LF	8638PPC4006LF	8638PPC4005LF	40	8-10	5-8	4.70	5.50	BLUE
8638PPC3007LF	8638PPC3006LF	8638PPC3005LF	30	9	6	3.75	4.75	WHITE
8638PPC2007LF	8638PPC2006LF	8638PPC2005LF	20	12-14	2-3	2.80	3.70	RED
8638PPC1007LF	8638PPC1006LF	8638PPC1005LF	10	16-18	0.9-1.3	1.80	2.55	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 (crimping sleeve): CuZn40Pb3
Plating 2µm 0/+2µm Cu - 3µm 0/+3µm Tin pure matte
Clip : Thermoset plastic

Technical characteristics

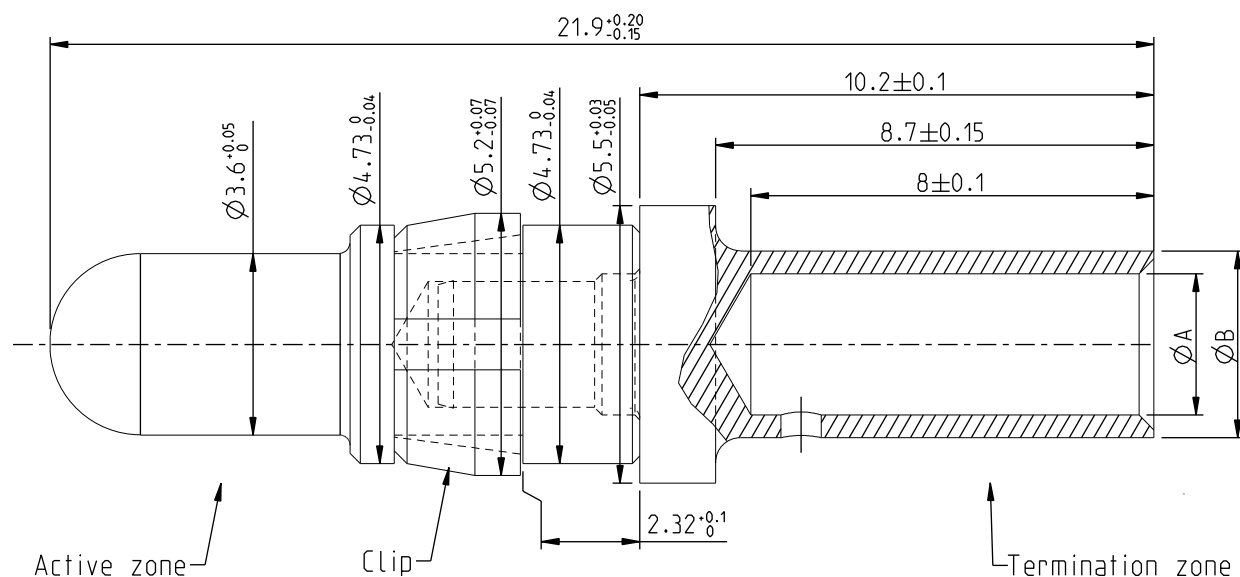
Peak voltage: 750 Veff.
Operating voltage: 500 Veff.
Temperature range -55 °C +125 °C
Packaged per 100
Current capability : see table

Mechanical characteristics :

Crimping test: according to MILC39029
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 TABLE		Spec ref	
/		Mat code		surface -	tolerance
		Heatreat		ISO 1302	405
		Plating/Finish SEE TABLE			1101
rev	ecn no	dr	date	Dr	JARRY
N	F10-0076	LSA	2010/07/22	Eng	PESSON
-	-	-	-	Chr	LEGARE
H	LS06-0097	LGO	2006/07/27	Appr	LEGARE
J	LS06-0029	MPE	2008/01/28	Product family D-sub	
K	F09-0054	LSA	2009/06/10	Model Name 8638PPC200XLF	
L	F10-0031	GPE	2010/04/12	Model Revision 1	
M	F10-0065	LSA	2010-06-25	REL Level CONCEPT	
				Title MALE CONTACT	
				FOR CRIMPED CONNECTION	
				Pro/E file	catalog no
				Customer	sheet 1 of 1

REV C - 2006-03-28

1

2

3

4

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[FCI / Amphenol:](#)

[8638PPC4006LF](#) [8638PPC1005LF](#) [8638PPC1006LF](#) [8638PPC2005LF](#) [8638PPC3005LF](#) [8638PPC4005LF](#)
[8638PPC2006LF](#) [8638PPC3006LF](#)