

PLATING ACTIVE ZONE			CHARACTERISTICS					
500 mating/unmating Ni: 2 µm 0/+2 µm Au: 1.27 µm min	500 mating/unmating Cu flash Ni P : 2 µm 0/+2 µm Au: 0.2 µm min (equivalent 0.8 µm Au)	200 mating/unmating Cu flash Ni P : 2 µm 0/+2 µm Au: 0.15 µm 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

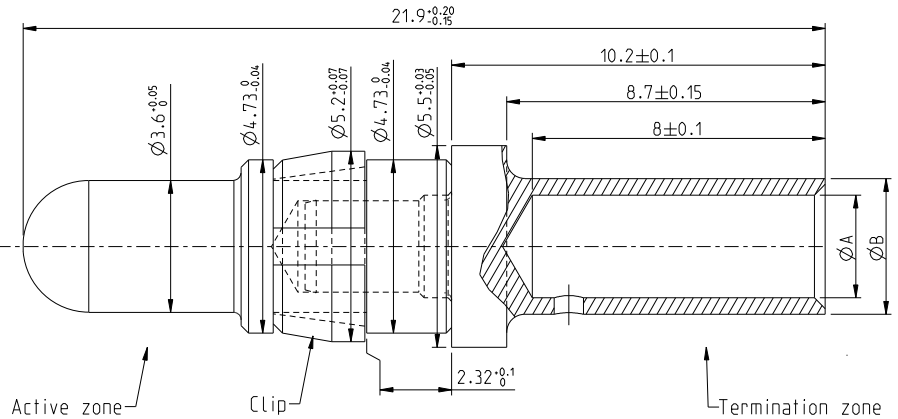
- The "LF" products meet European union Directives and regulations as described in GS-22-008
- Termination plating spec: Sn pure matte
- Packaging spec: see GS-14-920

Materials and finish:
 Active zone: CuZn40 Pb3. Plating see table
 Termination zone (crimping sleeve): CuZn40Pb3
 Plating 2 µm 0/+2 µm Cu - 3 µm 0/+3 µm 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	surface -	tolerance	projection	mm					
	Mat code		ISO 1302	405	1101	⊕	←					
	Heat treat	-										
	Plating/Finish	SEE TABLE										
rev	ecn no	dr	date	Dr	JARRY	2002/02/28	Product family	D-sub	size	A3	Scale	10:1
N	F10-0076	LSA	2010/07/22	Eng	PESSON	2002/02/28	Model Name	8638PPC200XLF	ECN	F10-0076		
				Chr	LEGARE	2002/02/28	Model Revision	1	REL Level	CONCEPT		
H	LS06-0097	LGO	2006/07/27	Appr	LEGARE	2002/02/28						
J	LS06-0029	MPE	2008/01/28									
K	F09-0054	LSA	2009/06/10									
L	F10-0031	GPE	2010/04/12									
M	F10-0065	LSA	2010-06-25									
				Pro/E file	catalog no		Customer		sheet 1 of 1			