



**THE DATASHEET OF  
8638PPS4006LF**





CHARACTERISTICS

PLATING ACTIVE ZONE

500 mating/unmating Ni: 2 µm +2µm 0 Au: 1.27 µm min	500 mating/unmating Cu : flash +2 µm Ni P : 2 µm 0 Au: 0.2 µm min (equivalent 0.8 µm Au)	200 mating/unmating Cu : flash +2 µm Ni P : 2 µm 0 Au: 0.15 µm min (equivalent 0.4 µm Au)	CURRENT max A	AWG WIRE	mm <sup>2</sup> AREA	ØA +0.1 0	ØB±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

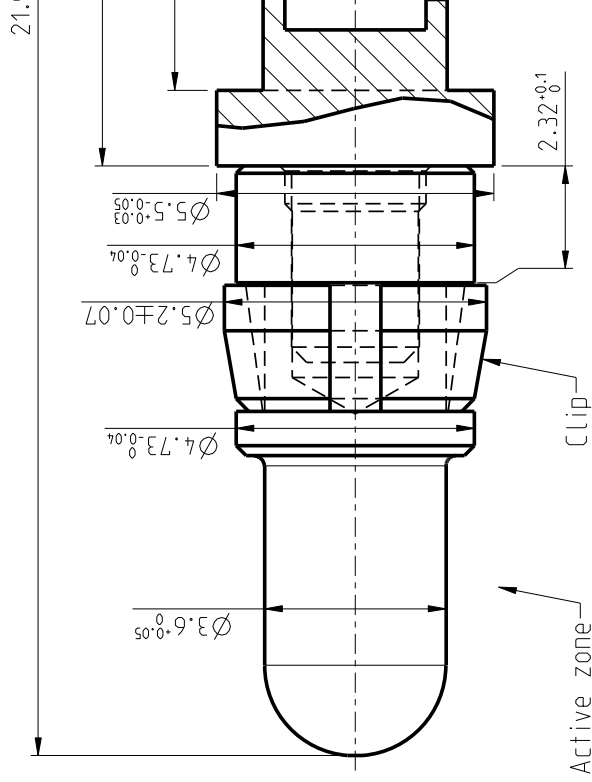
Active zone: CuZn40 Pb3. Plating: See table  
 Termination zone (soldering sleeve): CuZn40Pb3  
 Plating 2µm<sub>0</sub>+2µm Cu 3µm<sub>0</sub>+3µm Tin pure matte  
 Clip : Thermojet plastic

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	S
Mat code	-	S
Heat/treat	-	
Plating/Finish	SEE TABLE + NOTES	
Dr	JARRY	2002/02/28
Eng	JARRY	2002/02/28
Ch	LEGARE	2002/02/28
Appr	LEGARE	2002/02/28
Product Fa		
Model Nam		
Model Rev		



**MALE POWER CONTACT**



SOLDERED CONNECTION

Prof/ file

catalog no

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