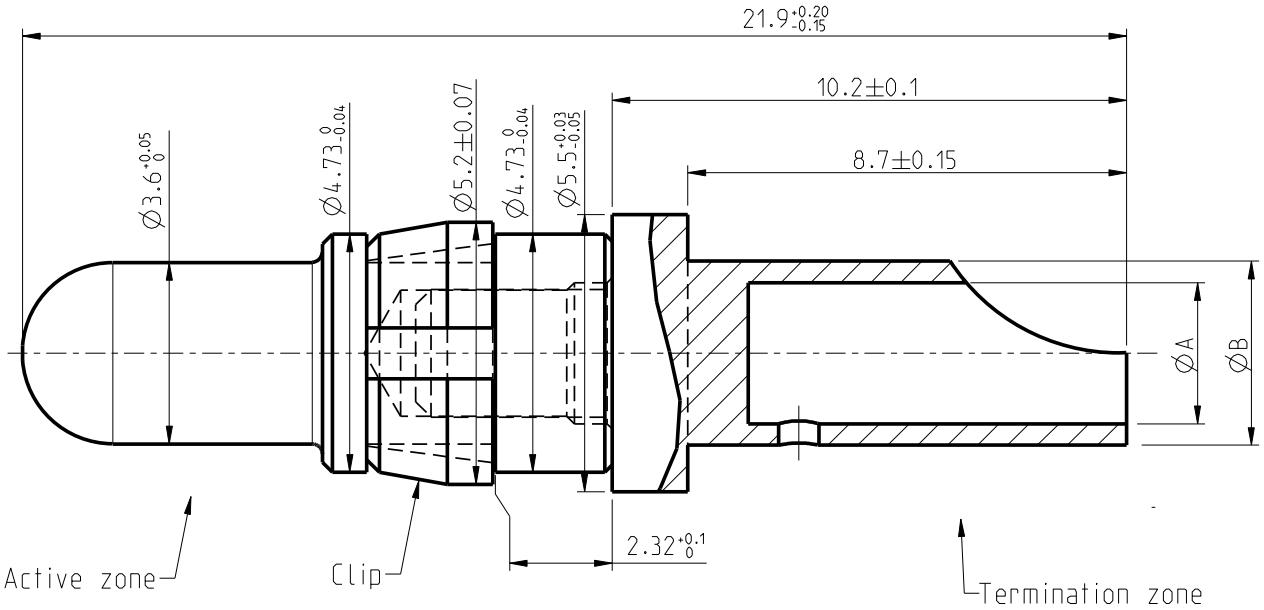
PLATING ACTIVE ZONE			CHARACTERISTICS					
500 mating/unmating Ni: 2 µm $^{+2\,\mu m}_{0}$ Au: 1.27 µm min	500 mating/unmating Cu : flash Ni P : 2 µm $^{+2\,\mu m}_{0}$ Au: 0.2 µm min (equivalent 0.8 µm Au)	200 mating/unmating Cu : flash Ni P : 2 µm $^{+2\,\mu m}_{0}$ Au: 0.15 µm min (equivalent 0.4 µm Au)	CURRENT max A	AWG WIRE	mm² 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 2 µm $^{+2\,\mu m}_{0}$ Cu 3 µm $^{+3\,\mu m}_{0}$ 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 /

rev	ecn no	dr	date
B	LS05-005	JAR	2002/02/28
C	LS06-0097	MPE	2005/04/14
D	LS08-0029	LGO	2006/07/27
E	F09-D054	MPE	2008/01/28
F	F10-0031	GPE	2010/04/12

Material	SEE NOTES		Spec ref		
Mat code	-		surface - ✓ ISO 1302	tolerance ISO 405 ISO 1101	projection mm
Heattreat	-				
Plating/Finish	SEE TABLE + NOTES				
Dr	JARRY	2002/02/28			size A3 / Scale 10:1
Eng	JARRY	2002/02/28	Product family	-	
Chr	LEGARE	2002/02/28	Model Name	8638PPS200XLF	ECN F10-0031
Appr	LEGARE	2002/02/28	Model Revision	1	REL Level

title: MALE POWER CONTACT
SOLDERED CONNECTION

dwg no: C01-8638-0349 Rev. F

Pro/E file | catalog no - | Customer | sheet 1 of 1

PDM: Rev:F STATUS: Released Printed: Oct 01, 2010