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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 <sup>2</sup> AREA	∅A +0 -0.05	∅B+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

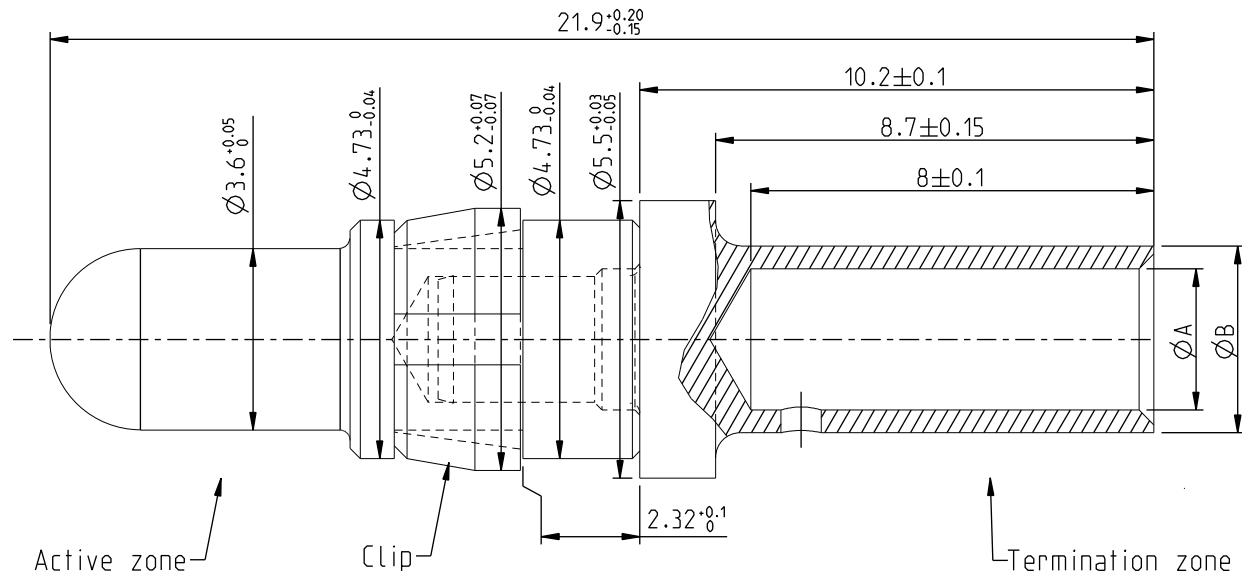
Peak voltage: 750 Veff.  
 Operating voltage: 500 Veff.  
 Temperature range -55 °C +125 °C  
 Packaged per 100  
 Current capability : see table

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	
Or		JARRY		2002/02/28		Product family		D-sub	
Eng		PESSON		2002/02/28		Model Name		8638PPC200XLF	
Chr		LEGARE		2002/02/28		Model Revision		1	
Appr		LEGARE		2002/02/28		REL Level		CONCEPT	
rev		ecn no		dr		date		size	
N		F10-0076		LSA		2010/07/22		A3	
H		LS06-0097		LGO		2006/07/27		Scale	
J		LS06-0029		MPE		2008/01/28		10:1	
K		F09-0054		LSA		2009/06/10			
L		F10-0031		GPE		2010/04/12			
M		F10-0065		LSA		2010-06-25			
Title		MALE CONTACT				dwg no		C01-8638-0325	
FOR CRIMPED CONNECTION		FCI				Customer		sheet 1 of 1	
Rev.		N				Customer		-	

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