

Core range					
TIN LEAD PART NUMBER	LEAD FREE PART NUMBER	CURRENT max A	WIRE AREA		COLOUR CLIP
			AWG	mm ²	
			8	Section 8.98 mm ² ø Ame 3.90 mm	
			12	Section 3.18 mm ² ø Ame 2.40 mm	
8638PSS1005	8638PSS1005LF	10	16	Section 1.34 mm ² ø Ame 1.50 mm	black
				1.70	
8638PSS2005	8638PSS2005LF	20	12	2.80	red
				4.40	
8638PSS4005	8638PSS4005LF	40	8	5.50	blue
				7.51	

NOTE: RoHS INFORMATION:

- The "LF" products meet European Union Directives and other country regulations as described in 65-22-008.
- Termination plating spec: Cu 2 +0 -2 um, Sn 3 +0 +3um (pure matte)
- active area: CuZn40 Pb3 1µNi+gold
- Packaging spec: see 65-14-920

Materials and finish for TIN LEAD

contact: CuZn40 Pb3 1µNi+gold
Solder buckets: CuZn36Pb3 2µNi+2µSnPb mini
Clip : plastic

Technical characteristics

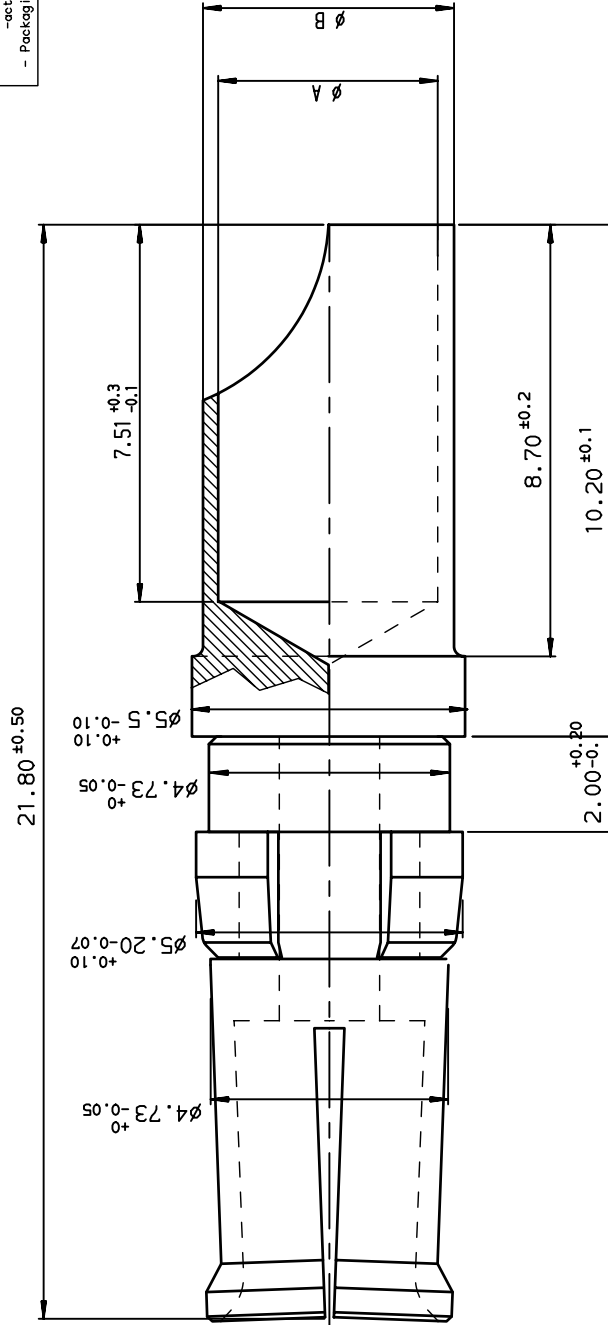
Peak voltage: 750Veff.
Operating voltage: 500Veff.
Temperature range: -55°C +125°C
Packaging per 100
Current capability see table

Mechanical characteristics:

Mechanical endurance : ≥ 200 matings/unmatings .
Contact insertion force in insulator:
60N maxi in a hole of 4.80mm

Examination of product:

Remove all burrs and sharp edges 0.08 maxi
No scratch on all pieces



European Views

www.fciconnect.com		surface ISO 1302	tolerance std ISO 406 ISO 1101	projection	mm
TOLERANCES UNLESS OTHERWISE SPECIFIED		ANGULAR 0.1° ±2°	0.X ±0.1 0.XX ±0.1 0.XXX ±0.1	size A3	Scale 10
Dr	JARRY	1994/12/13			
Eng	PESSON	1994/12/13			
Chr	LEGARE	1994/12/13			
Appr	LEGARE	1994/12/13			
Product family		D-SUB		Spec ref -	
FCI		FEMALE CONTACT FOR		Rev.	
SOLDER CONNECTION		C01-8638-0335-1		H	
catalog no		CUSTOMER sheet 1 of 1			

rev	ech no	dr	date
D	-	JAR	2002/03/13
E	L505-005	MPE	2005/04/05
F	L506-0097	LGO	2006/07/27
G	L507-0059	MPE	2006/02/27
H	L508-0029	MPE	2008/01/28
-	-	-	-
-	-	-	-

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