

A

B

C

D

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 0.4µm Au)	CURRENT max A	AWG WIRE	mm ² AREA	ØA ⁺⁰ _{-0.05}	ØB ⁺⁰ _{-0.05}	Clip colour
8638PSc4007LF	8638PSC4006LF	8638PSC4005LF	40	8-10	5-8	4.70	5.50	BLUE
8638PSC3007LF	8638PSC3006LF	8638PSC3005LF	30	9	6	3.75	4.75	WHITE
8638PSC2007LF	8638PSC2006LF	8638PSC2005LF	20	12-14	2-3	2.80	3.70	RED
8638PSC1007LF	8638PSC1006LF	8638PSC1005LF	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).

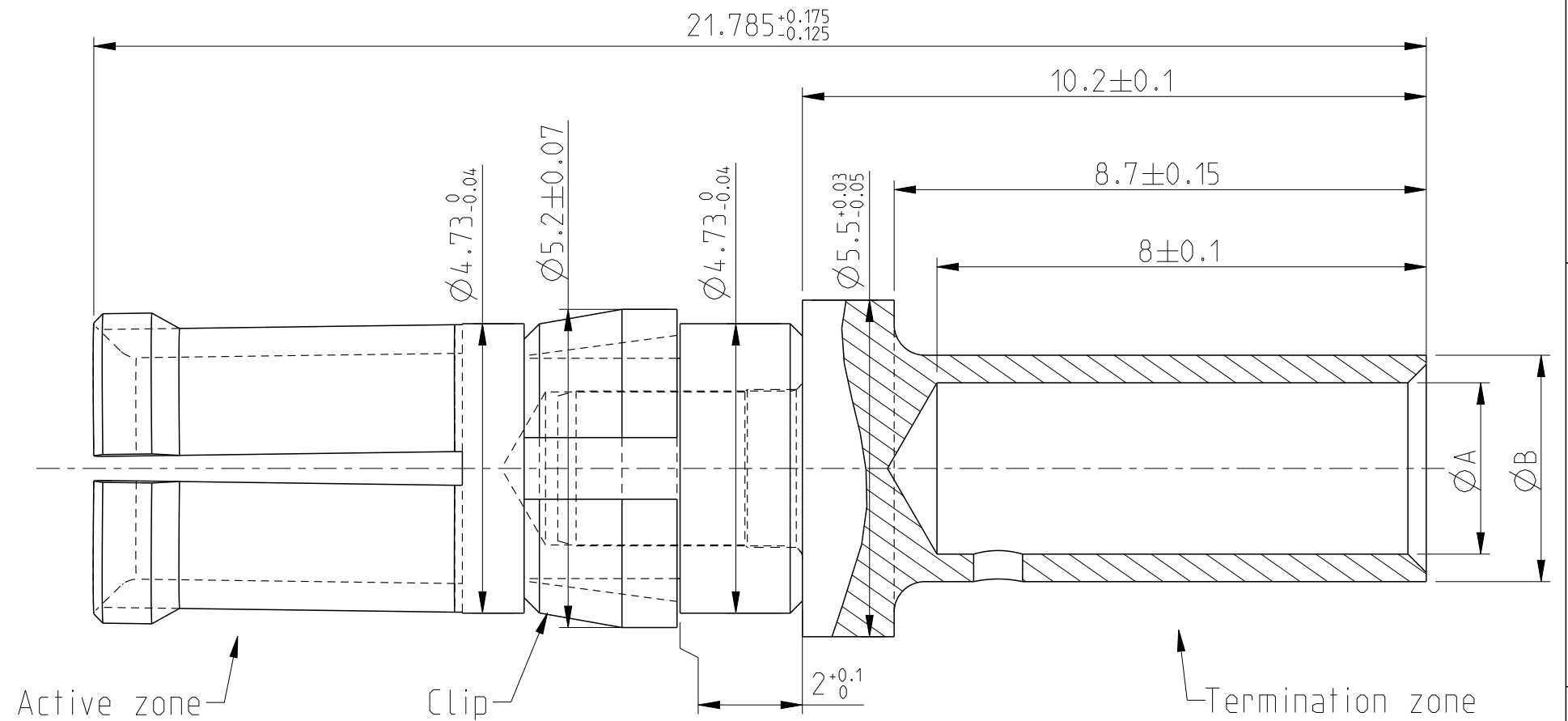
Contact insertion force in insulator:

60N maxi in a hole of 4.80 mm

Examination of product:

Remove all burrs and sharp edges 0.08 maxi

No scratch allowed



Crimping tool: 8638 CTP-01

spec ref				dr	Alexandre Parr	2010/04/16	projection	mm	size	A3	scale	10:1		
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Detouillon, Da	2026/06/30			ecn no	ELX-F-295436-1				
				chr	-	-								
				appr	Lamy, Alexandr	2026/06/30			product family			-	rel lev	PDF Released
surface	linear	0.X	±	Amphenol FCi	title	FEMALE POWER CONTACT FOR CRIMPED CONNECTION				dwg no	C01-8638-0326		rev	N
		0.XX	±											
		0.XXX	±											
	ISO 1302	angular	0°	±°		cat. no.	-	Product - Customer Drw				sheet 1 of 1		