

1
2
3
4

REFERENCE FOR REEL ACCORDING TO FEEDING DIRECTION

GAUGE	REEL OF 5000 FEMALE CONTACTS		REEL OF 10000 FEMALE CONTACTS		GAUGE	REEL OF 5000 PIN CONTACTS		REEL OF 10000 PIN CONTACTS	
# 24-28	86566610064	86566610064LF	86566640064	86566640064LF	# 24-28	86564610064	86564610064LF	86564640064	86564640064LF
# 20-24	86566620064	86566620064LF	86566630064	86566630064LF	# 20-24	86564620064	86564620064LF	86564630064	86564630064LF
# 24-28	86566610065	86566610065LF	86566640065	86566640065LF	# 24-28	86564610065	86564610065LF	-----	
# 20-24	86566620065	86566620065LF	86566630065	86566630065LF	# 20-24	86564620065	86564620065LF	86564630065	86564630065LF
# 24-28	86566610067	86566610067LF	86566640067	86566640067LF	# 24-28	86564610067	86564610067LF	-----	
# 20-24	86566620067	86566620067LF	86566630067	86566630067LF	# 20-24	86564620067	86564620067LF	86564630067	86564630067LF

DETAIL A
SCALE 3/1

DETAIL B
SCALE 3/1

NOTE : ROHS INFORMATIONS
 The LF products meet European union directives and other country regulations as described in GS-22-008
 Terminations plating spec : 2um Nickel min + 2um Sn min
 Packaging Spec : see GS-14-920

www.fciconnect.com				surface - ☒ ISO 1302		tolerance std ISO 406 ISO 1101		projection		mm	
				TOLERANCES UNLESS OTHERWISE SPECIFIED							
Dr	M PESSON	11/07/03		ANGULAR		0.X	±0.3	size	A3	Scale	5/1
Eng	-	-		LINEAR		0.XX	±0.1				
Chr	P LEGARE	11/07/03		0° ±2°		0.XXX	±0.05	ECN LS08-0127			
Appr	-	-		Product family			-	Spec ref			

CRIMP PIN #Wire 24-28 Ø1.02 catalog no				dvg no C01-8656-1527		Rev. G	
				CUSTOMER		sheet 1 of 2	

1
2
3
4

A

B

C

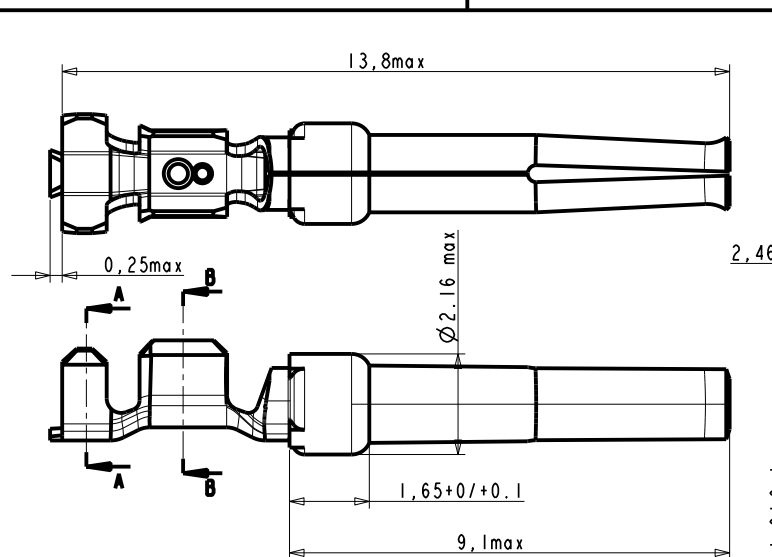
D

A

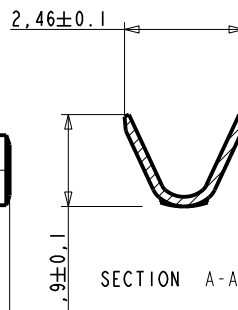
B

C

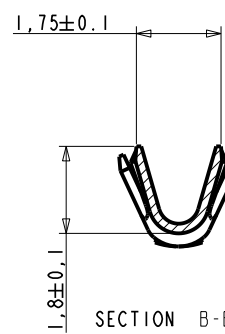
D



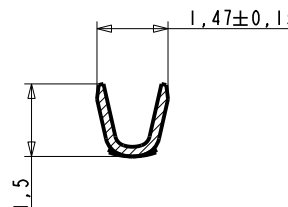
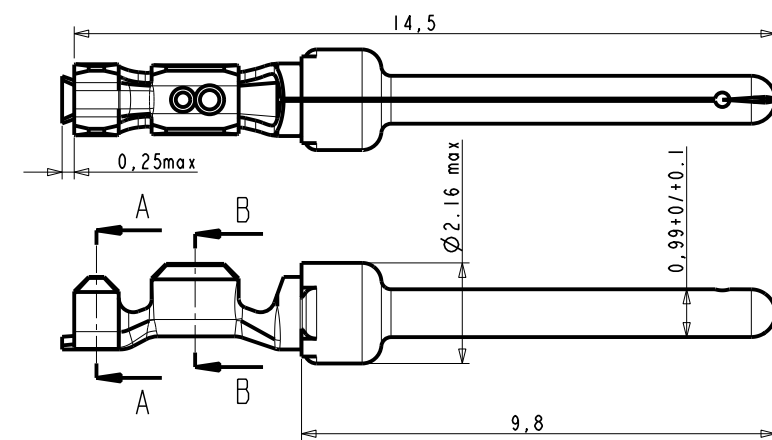
CROSS SECTION FOR CT #20-24



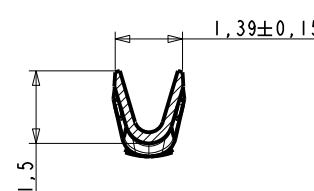
SECTION A-A



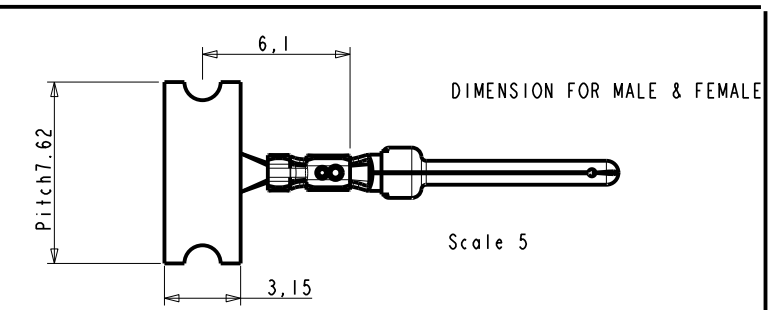
SECTION B-B



SECTION A-A



SECTION B-B



DIMENSION FOR MALE & FEMALE

Scale 5

- NOTES
- 1- Material : Phosphor bronze, thickness 0.20
 - 2 -Finish on contact area : termination 064:gold flash
termination 065:076μ Au
termination 067:0,4μ Au
finish on termination : bright tin lead over nickel
 - 3 -Wire range :20 to 28 AWG(see ref sheet 1/2)
 - 4 -Max outer dia of wire insulator:
-1.73 mm for contact #20-24
-1.02 mm for contact #24-28
 - 5 -Current carrying capacity per contact:
5 Amps max when crimped to #20 AWG
5 Amps max when crimped to #22 AWG
3 Amps max when crimped to #24 AWG
2 Amps max when crimped to #26 AWG
1 Amps max when crimped to #28 AWG
 - 6 -After 5 insertions into connector, contact retention must be 5 pounds axial load min
 - 7 -When contact is crimped to 20 AWG, the insulation support crimped height must be 1.78 mm max to ensure a proper insertion into housing.
 - 8 -Packaging : Reel

www.fciconnect.com			surface - 		tolerance std ISO 1302 ISO 406 ISO 1101					
			TOLERANCES UNLESS OTHERWISE SPECIFIED							
Dr	M PESSON	11/07/03	ANGULAR	LINEAR	0.X	±0.3	size A3	Scale 10/1		
Eng	-	-			0.XX	±0.1				
Chr	P LEGARE	11/07/03			0.XXX	±0.05				
Appr	-	-	Product family				-	ECN LS08-0127		
							-	Spec ref		-
			title CRIMP PIN				dwg no C01-8656-1527		Rev. G	
			#Wire 24-28 Ø1.02							
			catalog no				CUSTOMER		sheet 2 of 2	