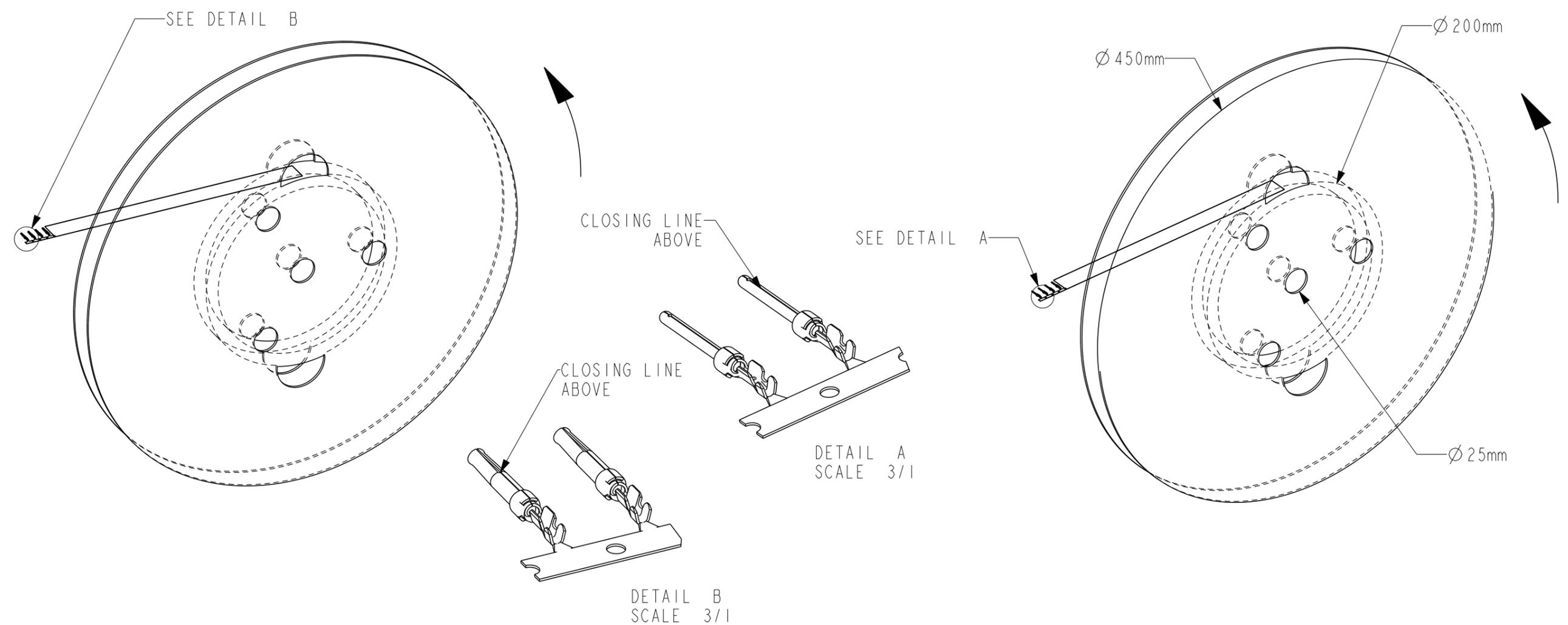


# REFERENCE FOR REEL ACCORDING TO FEEDING DIRECTION

GAUGE	REEL OF 5000 FEMALE CONTACTS	GAUGE	REEL OF 5000 PIN CONTACTS
# 24-28	86566510064LF	# 24-28	86564510064LF
# 20-24	86566520064LF	# 20-24	86564520064LF
# 24-28	86566510065LF	# 24-28	86564510065LF
# 20-24	86566520065LF	# 20-24	86564520065LF
# 24-28	86566510067LF	# 24-28	86564510067LF
# 20-24	86566520067LF	# 20-24	86564520067LF



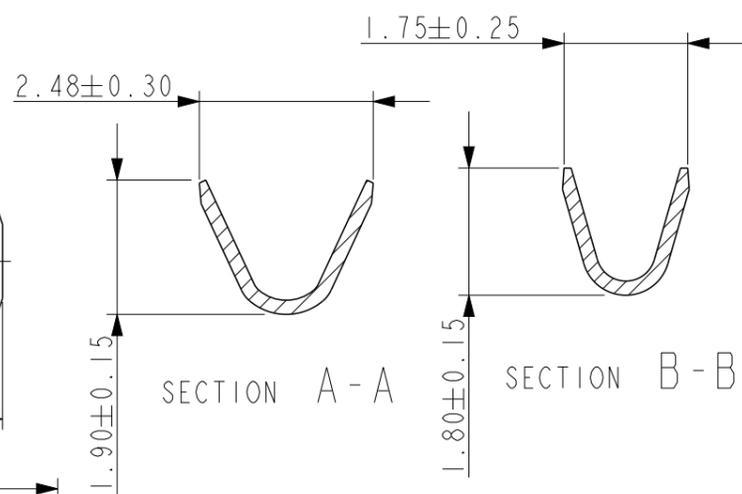
Amphenol  
**FCi**  
 © 2016 AFCI

NOTE : ROHS INFORMATIONS  
 The LF products meet European union directives and other country regulations as described in GS-47-0004  
 Terminations plating spec : 1.3um Nickel min + 1.3um Sn min  
 Packaging Spec : see GS-14-920

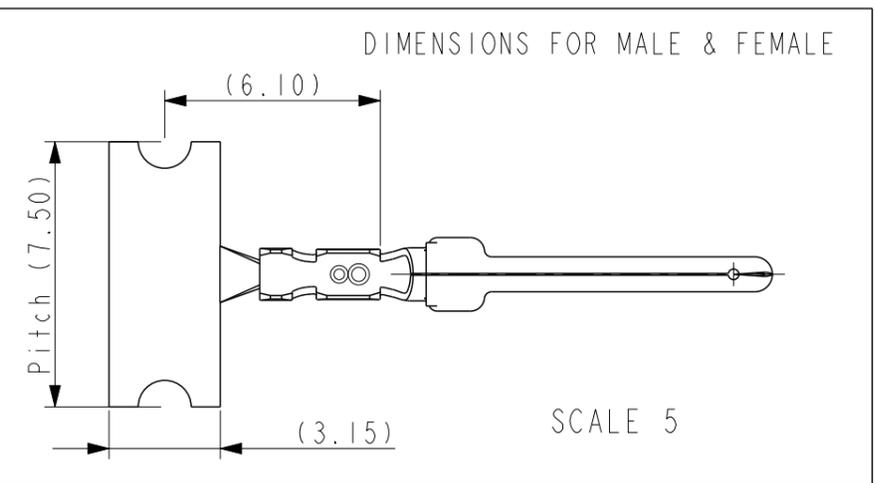
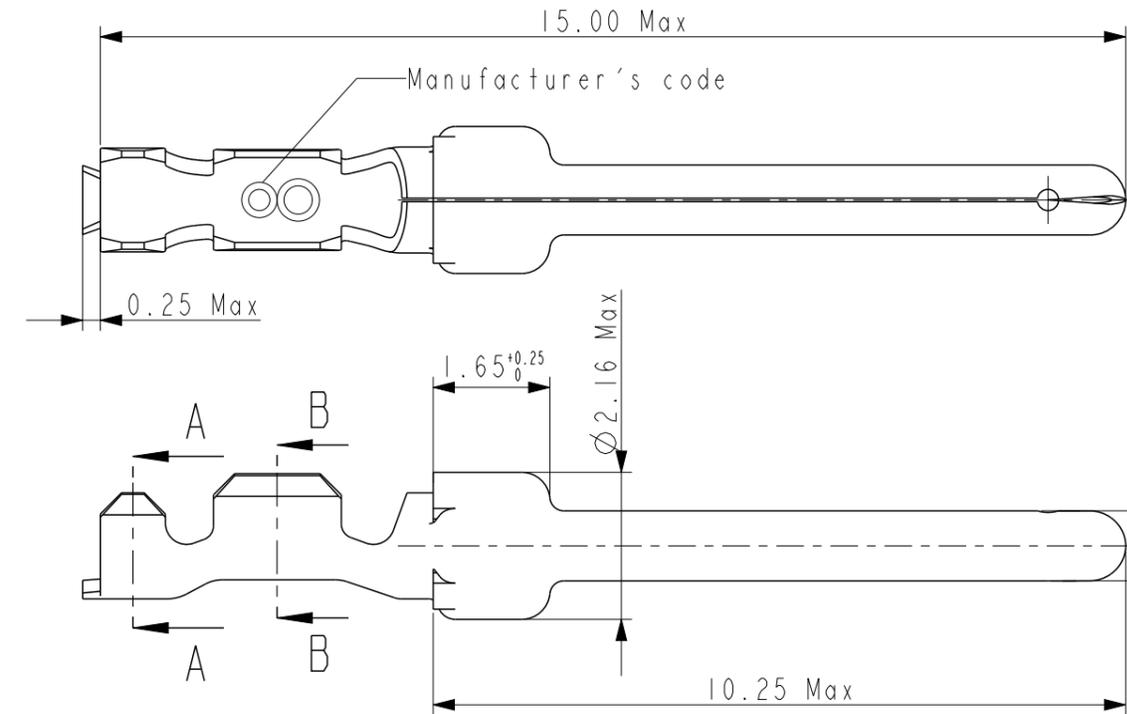
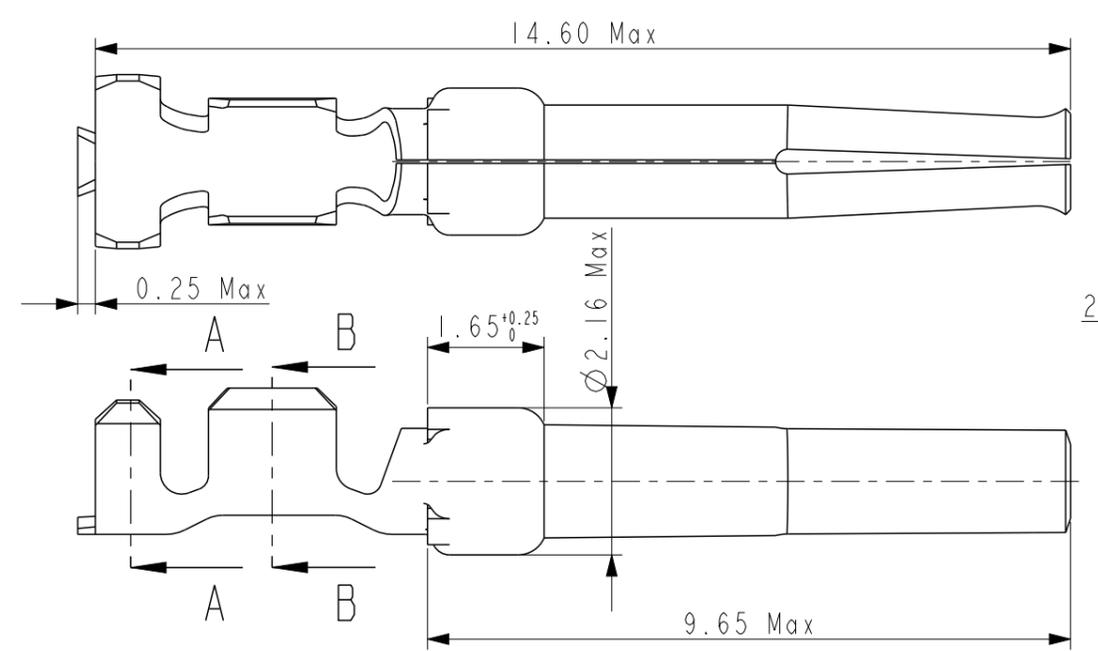
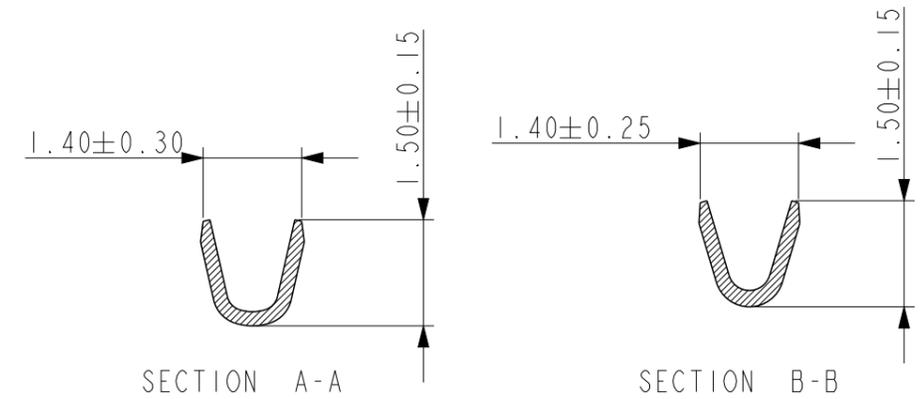
spec ref	-	dr	P-Mathew Nebu	2011/05/17	projection	mm	size	A3	scale	4/15	
tolerance std	ISO 406 ISO 1101	eng	Paul Mithun	2019/03/18			ecn no	ELX-I-32091-1			
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	-	-			rel level	Released			
surface	linear	appr	K-Paul Biju	2019/03/19	product family	8656	dwg no	C01-8656-1536		rev	L
ISO 1302	angular			cat. no.	-	Product - Customer Drw	sheet 1 of 2				

- NOTES
- 1- Material : Phosphor bronze, thickness 0.20
  - 2 -Finish on contact area : termination 064:gold flash  
termination 065:076μ Au / GXT  
termination 067:0,4μ Au / GXT  
finish on termination : Tin over Nickel
  - 3 -Wire range :20 to 28 AWG(see ref sheet 1/2)
  - 4 -Max outer dia of wire insulator:  
-1.52 mm max for contact #20-24  
-1.02 mm max 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-Reel should be continuous without any contacts  
missing in between
  - 9 -Packaging : 5000 Contacts Per Reel

CROSS SECTIONS  
FOR CT #20-24



CROSS SECTIONS  
FOR CT #24-28



spec ref	-	dr	P-Mathew Nebu	2011/05/17	projection	mm	size	A3	scale	10/1
tolerance std	ISO 406 ISO 1101	eng	Paul Mithun	2019/03/18			ecn no	ELX-I-32091-1		
surface	linear	chr	-	appr			K-Paul Biju	2019/03/19	product family	8656
	angular	0°	±2°	<b>Amphenol FCI</b>		CRIMP PIN & SOCKET 20-28AWG, 5000 Reel Qty		dwg no C01-8656-1536	rev L	
ISO 1302		cat. no.	-	Product - Customer Drw		sheet 2 of 2				