

Tool Specification

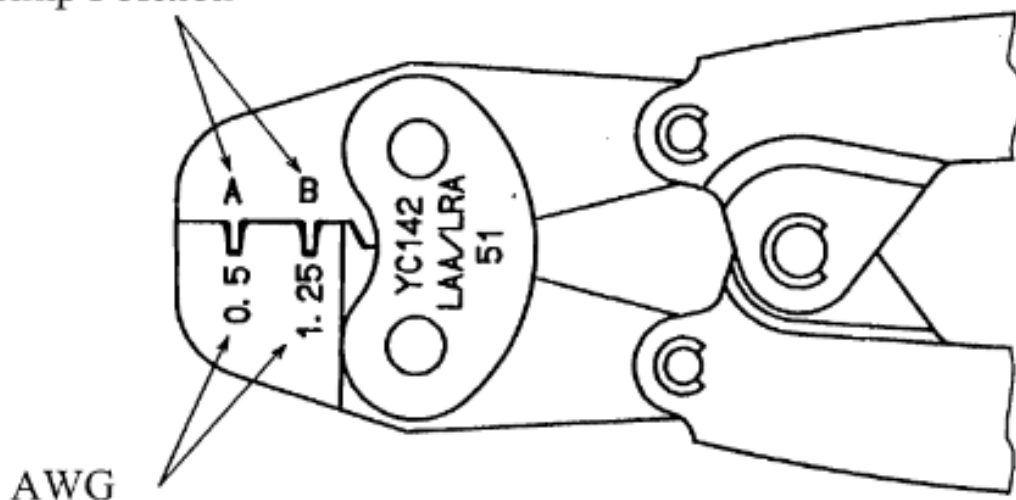
1. Part Number: YC-142

2. Terminal: LAA-51T, LRA-51T

3. Application

Crimp Position	Wire Size VSF	Tensile Strength N (kgf)	Strip Length mm
A	0.5mm ²	60(6.1) min.	5.2
A	(0.75mm ²)	(80(8.2) min.)	5.2
B	1.25mm ²	130(13.3) min.	5.2
B	(2.0mm ²)	(190(19.4) min.)	5.2

Crimp Position



- Check the crimp appearance and tensile strength prior to use.
- Select the appropriate crimp position based on the wire size that will be used.
- The wire size in () above could cause excessive crimping. Check the tensile strength and crimp appearance to confirm an acceptable crimp.
- The insulation barrel is set for type of wire listed and is not adjustable.



YC-142 Calibration

1. Visually inspect crimp sections A and B checking for abnormal wear, chips, or damage.
2. Strip a 20awg, UL1015 wire to 5.2mm.
3. In crimp position A, crimp an LAA/LRA-51T-() terminal onto the 20awg wire.
4. Visually inspect the crimp for defects and large burrs.
5. Check the tensile strength and verify it meets the tensile strength requirement.
6. Strip a 16awg, UL1015 wire to 5.2mm.
7. In crimp position B, crimp an LAA/LRA-51T-() terminal onto the 16awg wire.
8. Visually inspect the crimp for defects and large burrs.
9. Check the tensile strength and verify it meets the tensile strength requirement.
10. If both sections pass the visual and tensile strength requirements the tool is within calibration requirements.