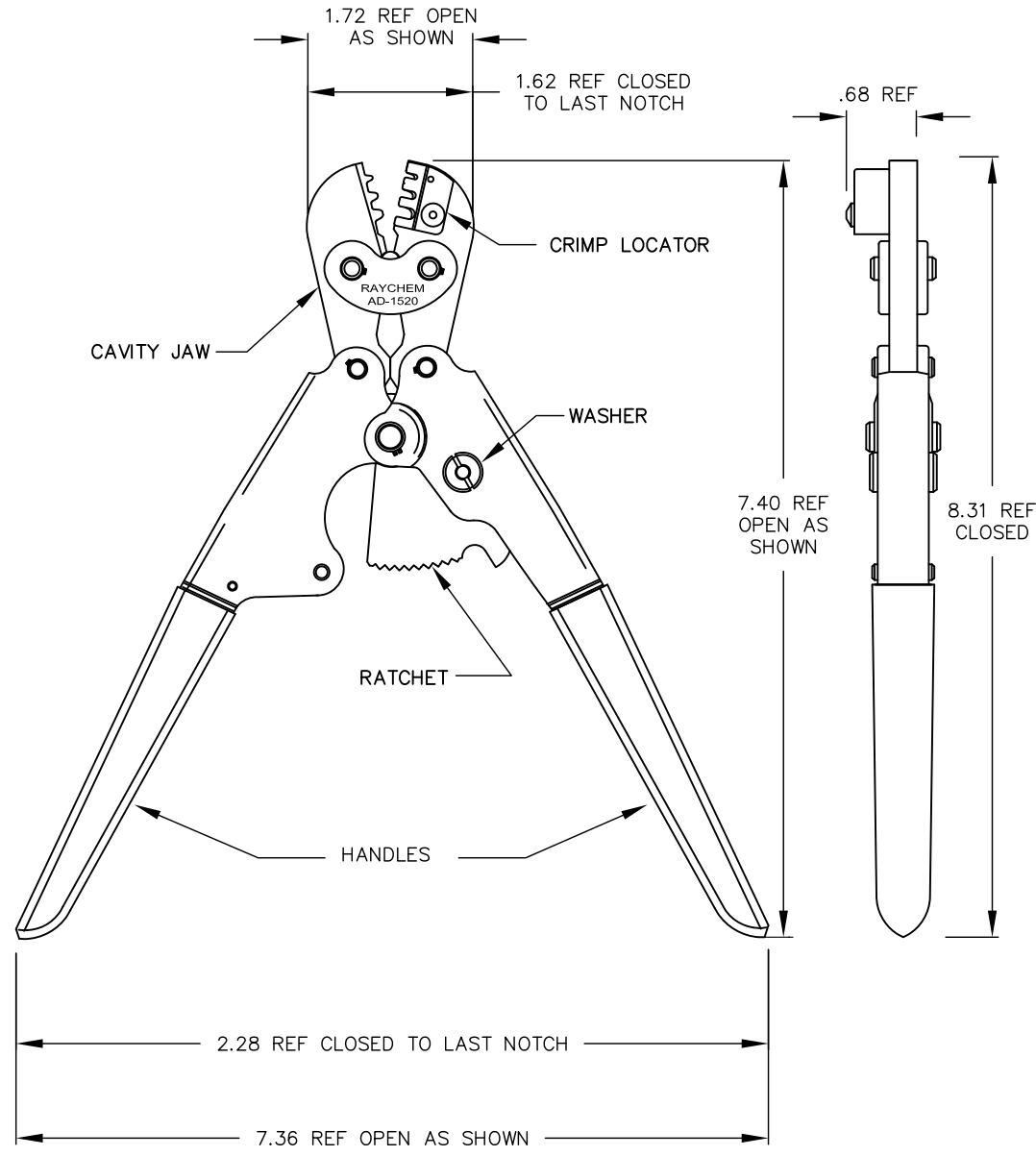


REVISIONS		
LTR	DESCRIPTION	DATE
F	REVISED PER ECO-11-006285	04/14/2011




**NOTES:**

- UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES.
  - THE AD-1520 CRIMP TOOL IS DESIGNED TO MAKE WIRE SPLICES UTILIZING TYCO ELECTRONICS CRIMP SPLICES OF THE FOLLOWING SIZES:
- | TOOL CAVITY  | 12 - 16 |      | 16 - 20 |      |
|--------------|---------|------|---------|------|
|              | I.D.    | O.D. | I.D.    | O.D. |
| STUB CRIMP   | .102    | .153 | .069    | .106 |
| SPLICER SIZE | .097    | .147 | .064    | .101 |
- WHEN MADE WITH A PROPERLY CALIBRATED AD-1520 CRIMP TOOL, THESE WIRE SPLICES WILL MEET THE VOLTAGE DROP AND TENSILE STRENGTH REQUIREMENTS OF THE APPLICABLE TYCO ELECTRONICS CUSTOMER DRAWING FOR CRIMP SPLICING SYSTEMS.
  - A PROPERLY CALIBRATED AD-1520 CRIMP TOOL HAS THE FOLLOWING CHARACTERISTICS:
    - RATCHET ADJUSTMENT (SET AT THE FACTORY): A COMPRESSIVE FORCE OF 40-50 LBS, APPLIED 1.25 ± .12 INCHES FROM THE END OF THE HANDLES SHALL BE REQUIRED TO COMPLETELY CLOSE THE JAWS BEFORE THE RATCHET MECHANISM RELEASES THE HANDLES.
    - JAW CLOSING: WITH THE JAWS FULLY CLOSED (TIPS TOUCHING AND RATCHET IN LAST NOTCH), A "GO" GAUGE SHALL FIT IN THE SPACE BETWEEN THE INDENTER AND ITS CORRESPONDING CAVITY. A "NO GO" GAUGE SHALL NOT FIT IN THIS SPACE. GAUGE SIZES ARE AS FOLLOWS:

TOOL CAVITY	"GO"	"NO GO"
12 - 16	.058 DIA.	.068 DIA.
16 - 20	.036 DIA.	.046 DIA.

TYCO ELECTRONICS AD-1526 CRIMP TOOL GAUGE IS RECOMMENDED FOR THIS PURPOSE.

Raychem Application Equipment  
**CUSTOMER DRAWING**

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. METRIC DIMENSIONS ARE IN BRACKETS. DECIMAL TOLERANCES .XXX ± 0.005 [0.13 mm] .XX ± 0.01 [0.25 mm] .X ± 0.1 [0.50 mm] ANGLE TOLERANCE .X ± 1 DEG.	DRAWN <b>UNGUYEN</b>	 TE Connectivity		
	PART NUMBER <b>959039-000</b>	TITLE <b>AD-1520 S CRIMP TOOL ASSEMBLY</b>		
	THIRD ANGLE PROJECTION	SIZE <b>B</b>	CODE IDENT. NO. <b>06090</b>	DWG. NO. <b>AD-1520-5</b>
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