



If this document is printed it becomes uncontrolled. Check for the latest revision

REVISIONS

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

NOTES:

1. UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES.
2. 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
STUB CRIMP SPLICER SIZE	.102 .097	.153 .147
	.069 .064	.106 .101

3. 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.
4. A PROPERLY CALIBRATED AD-1520 CRIMP TOOL HAS THE FOLLOWING CHARACTERISTICS:
 - A. RATCHET ADJUSTMENT (SET AT THE FACTORY): A COMPRESSIVE FORCE OF 40-50 LBS, APPLIED $1.25 \pm .12$ INCHES FROM THE END OF THE HANDLES SHALL BE REQUIRED TO COMPLETELY CLOSE THE JAWS BEFORE THE RATCHET MECHANISM RELEASES THE HANDLES.
 - B. 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 INCHES. METRIC DIMENSIONS ARE IN BRACKETS.	DRAWN UNGUYEN	TE Connectivity
DECIMAL TOLERANCES .XXX \pm 0.005 [0.13 mm] .XX \pm 0.01 [0.25 mm] .X \pm 0.1 [0.50 mm]	PART NUMBER 959039-000	
ANGLE TOLERANCE .X \pm 1 DEG.	THIRD ANGLE PROJECTION	TITLE AD-1520 S CRIMP TOOL ASSEMBLY
TE CONNECTIVITY RESERVES THE RIGHT TO AMEND THIS DRAWING AT ANY TIME. USERS SHOULD EVALUATE THE SUITABILITY OF THE PRODUCT FOR THEIR APPLICATION.	SIZE B	CODE IDENT. NO. 06090
	DWG. NO. AD-1520-5	SCALE: NTS
		SHEET 1 OF 1