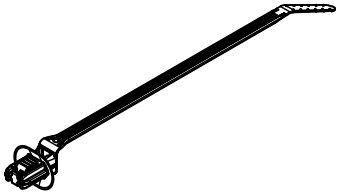
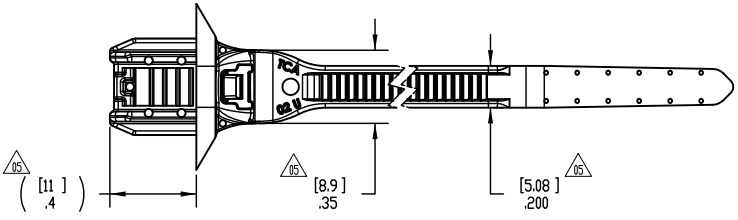
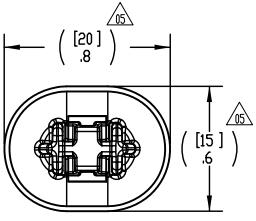
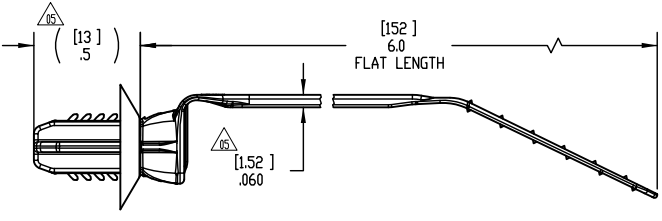


05 PERFORMANCE REQUIREMENTS (REFERENCE):
BASED ON PARTS TESTED AT 2% MOISTURE CONTENT

1. HOLE DIAMETER RANGE: 6.85MM X 11.85MM to 7.30MM X 12.30MM
2. PANEL THICKNESS RANGE: 0.6MM - 4.0MM.
3. FIR TREE PUSH IN FORCE: 12LBS MAX IN A 7.00MM X 12.00MM HOLE AND A SHEET METAL THICKNESS OF 1.8MM
4. FIR TREE PULL OUT FORCE: 45LBS MIN IN A 7.00MM X 12.00MM HOLE AND A SHEET METAL THICKNESS OF 1.8MM
5. CABLE TIE LOOP TENSILE STRENGTH: 50LBS MIN
6. MINIMUM BUNDLE DIAMETER: 1.6MM
7. MAXIMUM BUNDLE DIAMETER: 35MM







INVENTORS	HellermannTyton. ALL PROPRIETARY RIGHTS IN THE SUBJECT MATTER SHOWN ON THIS DRAWING ARE EXCLUSIVE PROPERTY OF HELLERMANNTYTON	name / date / city, state	
REVISION	DRAWING level	05	
	by	AAC	
	date	06/24/11	
	ECN #	011784	
	part level	A/C	
DIMENSIONS	TOLERANCES	.XXX =	
		.XX = [± 0.11/ ± 0.004	
		.X = [± 0.21/ ± 0.008	
		NONE = [± 1.01/ ± 0.04	
		∠= ± 0.5°	
		unless otherwise specified	
	units	[millimeters]/inches	
PART	number	T50SDSFT7X12U	phase: Production
	name	RECTANGULAR FIR TREE CABLE TIE	
	material	NYLON 6/6 HS BLACK	
DRAWING	format version N	AH	CAD: SW 2010	scale: 2:1
	computer file name	CT06-027-009CST_05	previous drawing number	
	drawn	JJP	checked: GGG	approved
		03/07/2007	06/24/11	
	type	Customer	sheet 1 of 1	
	number	CT06-027-009CST		