



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

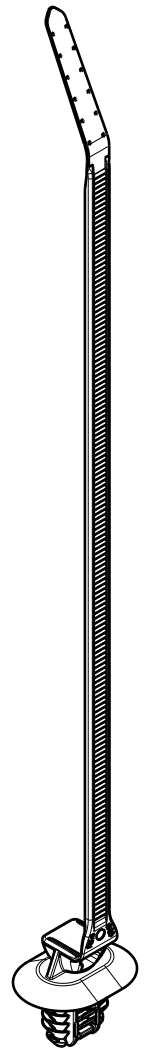
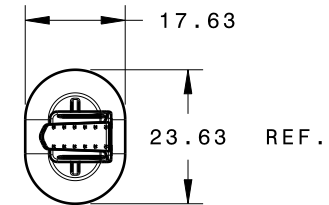
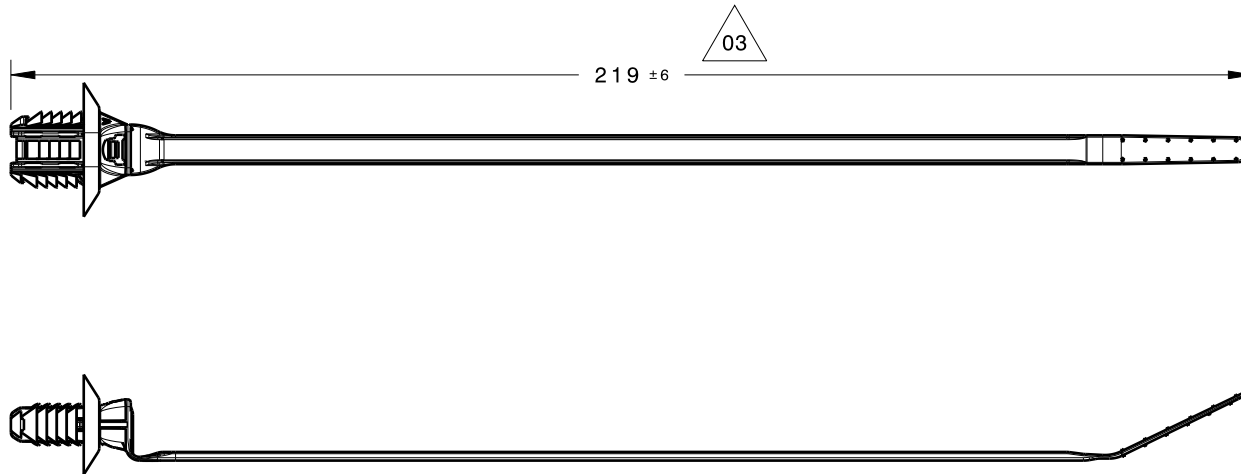
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



REFERENCE:

PERFORMANCE REQUIREMENTS AT DRY AS MOLDED:

1. FIR TREE PUSH IN FORCE: REF. 10 LBS MAX IN EACH APPLICABLE OVAL HOLE SIZE AND A PLATE THICKNESS OF 1.8mm
2. FIR TREE PULL OUT FORCE: REF. 25 LBS MIN IN EACH APPLICABLE OVAL HOLE SIZE AND A PLATE THICKNESS OF 1.8mm
3. SHEET METAL THICKNESS RANGE: 0.60mm - 6.0mm
4. APPLICABLE OVAL HOLE SIZES:
 - A. 6.2 X 12.2mm
 - B. 6.5 x 12.5mm
 - C. 6.5 x 13.0mm
 - D. 7.0 x 12.0mm
5. BUNDLE RANGE: 1.8mm - 50mm
6. CABLE TIE MINIMUM TENSILE: 50lbs



Isometric view

MATERIAL	COLOR
PA66HS	BLACK
PA66HS	GRAY
PA66HIRHS	BLACK
PA46	BROWN

IN
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HellermannTyton®

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name	date	city state
S. ADAMS	5/5/11	MENOMONEE FALLS, WI.

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level	by	date	ECN #	part level
03	KVH	11/8/12	012221	A

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TOLERANCES	units
.XXXX = ± 0.25	millimeters
.XXX = ± 0.50	
.XX = ± 1.00	
.X = ± 2.00	
∠ = ± 1.00	
unless otherwise specified	

P
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number	name	phase	production
T50ROSFTOVALU	OVAL HOLE FIR TREE WITH 8" 50LB LOW PROFILE CABLE TIE		
	SEE CHART		

D
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FORMAT	VERSION	CAD	SCALE
AH	J	CATIA V5	3:4
A- SIZE (landscape)_N01	previous drawing number		
S. ADAMS	M. TOLL		
5/5/11	4/4/12		
CUSTOMER	sheet 1 of 1		
11-0345-011-CSU			

Product Number
Cross Reference Record

Uncontrolled Document

Type Number	UNS Universal Number System	Customer Drawing Title
T50ROSFTOVALU	157-00153(pa66hs gy)	

Issued By:	Reference Drawing Number:	Issue Date:
HellermannTyton	11-0345-011-CSU	May 15,2013

Product Number
Cross Reference Record

Uncontrolled Document

Type Number	UNS Universal Number System	Customer Drawing Title
T50ROSFTOVALU	157-00142(pa66hirhs blk)	

Issued By:	Reference Drawing Number:	Issue Date:
HellermannTyton	11-0345-011-CSU	May 15,2013

Product Number
Cross Reference Record

Uncontrolled Document

Type Number	UNS Universal Number System	Customer Drawing Title
T50ROSFTOVALU	157-00157(pa46 brw)	

Issued By:	Reference Drawing Number:	Issue Date:
HellermannTyton	11-0345-011-CSU	May 15,2013