



REV	CHANGE	DATE	DRN	CHK
A	Drawn	07/07/1997		
B	Added Washer Dimensions	02/07/2001	WL	
C	Added RoHS compliance note	09/09/2005	GS	
D	1) Updated drawing 2) Added washer thickness dimension.	12/19/07	DM	JL

	Thread (2A) *	H Screw Head Height	D Screw Head Diameter	G Washer Diameter *	W Washer Height	T Washer Thickness	Type I Drive Size *
	4-40	.080/.070	.219/.205	.250/.244	.039/.021	.015	1
X	6-32	.097/.087	.270/.256	.320/.307	.061/.039	.025 §	2
	8-32	.115/.105	.322/.306	.383/.370	.073/.050	.030	2
	10-32	.133/.122	.373/.357	.446/.433	.075/.051	.032	2
	1/4-20	.175/.162	.492/.473	.508/.495	.088/.064	.039	3

	MATERIAL *
X	Screw: 1010-1022 Carbon steel; Washer: 1050 carbon steel, HRC 42-46
	Screw: 300-Series stainless steel; Washer: 410 Stainless steel, heat-treated

	FINISH *
X	Screw: Zinc .00015 min. with clear chromate; Washer: Zinc .00015 min., bake 4 hours min. at 375°F to 425°F within three hours after applying zinc per ASTM B 633, and apply clear chromate
	Screw: Zinc .00015 min. with black chromate; Washer: Zinc .00015 min., bake 4 hours min. at 375°F to 425°F within three hours after applying zinc per ASTM B 633, and apply black chromate
	Clean and dry

## NOTES:

- \* Denotes critical item for lot inspection.
- No burrs or loose chips. \*
- Material and finish compliant with European Union Restriction of Hazardous Substances Directive 2002/95/EC (RoHS). \*

LENGTH	L *	
	4-40 thru 10-32	1/4-20
	3/16	.187/.167
	1/4	.250/.230
	5/16	.313/.293
	3/8	.375/.355
	7/16	.438/.418
X	1/2	.500/.480
	9/16	.563/.533
	5/8	.625/.595
	3/4	.750/.720
	7/8	.875/.845
	1	1.000/.970
	1-1/8	1.125/1.065
	1-1/4	1.250/1.190
	1-3/8	1.375/1.315
	1-1/2	1.500/1.440
	1-5/8	1.625/1.565
	1-3/4	1.750/1.690
	1-7/8	1.875/1.815
	2	2.000/1.940

## COMPONENT

Screw

# PENCOM

1300 Industrial Rd., Unit 21 \* San Carlos, CA 94070  
(650) 593-3288 \* (650) 593-3299 FAX  
www.pencomsf.com

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Tolerances (Inch)  
.xx = ± .01  
.xxx = ± .005  
x° = ± 1°  
or As Noted

SCALE

N.T.S.

SC3965

6-32X1/2 PH-PN-SQCN-SEMS-MS-STL-Z

SALES DRAWING

REV

A

SHEET

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