

Stellartech Research Corporation

540-0816-000 Revision E

SPRING, TYPE 302 SS, CONICAL COMPRESSION, 0.032" WIRE, 0.6" X 0.38" X 0.50" L, RoHS

Component Specification

Form 006-0022-000 Revision M

Released: *A. Vaughney*

ECO#: *D558*

<input type="checkbox"/> Purchased Off The Shelf, Without Modifications	<input type="checkbox"/> Customer-Supplied Product
<input type="checkbox"/> Catalog Part Modified To SRC Spec. (Control Drawing Req.)	<input type="checkbox"/> Customer Defined/Designed Part (Customer Drawing Required)
<input checked="" type="checkbox"/> Custom Part Per SRC Spec. (Control Drawing Req.)	

Other Media included BOM included Listed in Technical File Customer Notification required

REQUIREMENTS / SAMPLING (check applicable boxes)	DESCRIPTION / INFORMATION (check applicable box)
<input checked="" type="checkbox"/> Certificate of Compliance/Conformity ➤ If checked, supplier must provide	<input type="checkbox"/> Certification of Netlist testing (PC Fab documents) <input type="checkbox"/> Certificate of Construction (Transformer docs, others as appropriate) <input type="checkbox"/> Material Certification <input checked="" type="checkbox"/> Other: RoHS compliance noted on attached drawing.
<input checked="" type="checkbox"/> Visual Inspection <input checked="" type="checkbox"/> Sampling Spot Check <input type="checkbox"/> Sampling 100% <input type="checkbox"/> Sampling per ANSI Z1.4; II, AQL ____ <input type="checkbox"/> Sampling Other (Specify):	<input checked="" type="checkbox"/> Inspect For <u>Identity</u> and <u>Absence Of Visible Damage</u> <input type="checkbox"/> Verify <u>Text</u> and <u>Graphics</u> (Labeling and User Manuals) <input type="checkbox"/> Verify <u>Component Identity</u> and <u>Placement</u> (PC Assembly documents) <input type="checkbox"/> Other:
<input checked="" type="checkbox"/> Dimensional Inspection <input type="checkbox"/> Sampling 100% <input type="checkbox"/> Sampling per ANSI Z1.4; II, AQL ____ <input checked="" type="checkbox"/> Sampling Other (Specify):	<input type="checkbox"/> Record dimensional results for <u>Harnesses</u> on 008-0068-000 <input checked="" type="checkbox"/> Record dimensional results for <u>Mechanical parts</u> on 008-0124-000 <input checked="" type="checkbox"/> Other: Qty = 3; Record wire OD, both small & large end spring OD, and Free Length.
<input type="checkbox"/> Functional Inspection <input type="checkbox"/> Sampling 100% <input type="checkbox"/> Sampling per ANSI Z1.4; II, AQL ____ <input type="checkbox"/> Sampling Other (Specify):	<input type="checkbox"/> See Test Record in this Component Specification <input type="checkbox"/> Perform Stellartech Test Procedure (Specify): <input type="checkbox"/> Other:

SOURCE (List At Least Two unless "Single Source"; List In Order Of Preference)

SUPPLIER/ MANUFACTURER	SUPPLIER'S/MFGR'S NUMBER/TYPE	SSC
1. Advanex Americas, Inc.	1. 540-0816-000	e
2.	2.	
3.	3.	

Supplier Selection Criteria (SSC) (select one or more for each supplier above) a. See released contractor/supplier list (009-0011-000 or 009-0024-000 or SRC) b. Certification _____ c. Audit (see supplier files for documentation)	d. Customer Defined e. Single (Only) Source f. Widely accepted industry source g. Past History (see notes) h. Due Diligence (see notes) i. Other (see notes)	Supplier/Manufacturer Notes:
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Buy Unit of Measure: ea ft oz other _____ BOM Unit of Measure: ea in oz other _____

ORIGINATOR: P. HOWE DATE: 11/14/11 REVISED BY: M. Scherbarth DATE: 19FEB15

Approvals	Signatures	Date	Approvals	Signatures	Date
Engineering	<i>DM</i>	01 JUN 2015	QA	<i>[Signature]</i>	02 JUN 2015
Materials	<i>[Signature]</i>	2 JUNE 2015	Mfg. Eng.	<i>[Signature]</i>	1 JUN 2015
Doc Control	<i>A. Vaughney</i>	June 02 2015	Customer/Other	N/A	

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JUN 02 2015

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SPRING, TYPE 302 SS, CONICAL COMPRESSION, 0.032" WIRE, 0.6" X 0.38" X 0.50" L, RoHS

RoHS Compliant Part? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown
Required Agency Approval (UL, CSA, VDE, TUV, IEC, etc.): None.
Required Packing and Marking from/by Supplier: Corresponding part number on the packaging.
Required Special Handling, Labeling or Storage Conditions at SRC: None.
Required Stellartech Workmanship Standard for (Check applicable boxes): <input type="checkbox"/> Printed Circuit Board Fabrication (005-0136-001) <input type="checkbox"/> Printed Circuit Board Assembly (005-0136-002) <input type="checkbox"/> Fabricated and Welded Parts (005-0136-004) <input type="checkbox"/> Painted, Silk-Screened and Overlay Label Parts (005-0136-005) <input type="checkbox"/> Cable and Wire Harness Assembly (005-0136-006) <input checked="" type="checkbox"/> N/A
Additional Notes:

REVISION HISTORY

Rev	Description	ECO	Date	Appr
A	Initial engineering release.	B505	02-DEC-2011	VA
B	Updated Supplier's / Mfgr's number from "16920K190" to "1692K190"	B830	12-JUL-2012	VA
C	Corrected Part Number on cover sheet to "1692K19"	B836	JUL 17 2012	VA
D	All new data sheets, add RoHS compliance information. Add approved contractors list (009-0011-000) to mfr list. Changed title to SPRING, TYPE 302 SS, CONICAL COMPRESSION, 0.032" WIRE, 0.6" X 0.38" X 0.50" L, RoHS	C844	22 APR 2014	CC
E	Revised drawing to improve control over planarity and centricity. Updated source.	D558	06/02/15	AV
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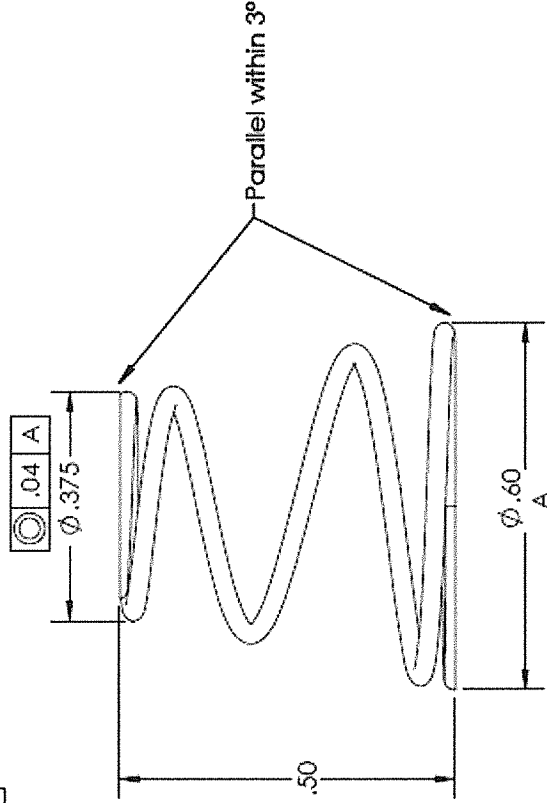
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SPRING SPECIFICATIONS		REV.	DESCRIPTION	DATE	BY
Wire Diameter	.032	NC	Advanex Drawing	11/25/14	SM
OD (Small End)	.375 ± .010				
OD (Large End)	.600 ± .015				
Free Length	0.50 ± .015				
Spring Rate (Between .40"-.30")	6.3 lbs/in ± 10%				
Material	302 Stainless Steel				
Ends	Closed and Ground				



Note: Part must be RoHS Compliant



ISO VIEW

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES: LINEAR ±		NAME		DATE
		SM	5M	11/25/14
DRAWN		CHECKED		
ADVANEX AMERICAS, INC.		CUSTOMER: Stellartech Research Corp.		
TITLE: Compression Spring		PART NO.	REV	SCALE:
		Stellar-1	NC	SHEET 1 OF 1

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