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REV.
B

AS3124™

RATIONALE

FEDERAL SUPPLY CLASS
5315

REVISE MATERIAL TEMPER FOR -09 SIZE (NOTE 1), ADD NEW NOTE FOR DISPOSITION OF EXISTING INVENTORY, EDITORIAL UPDATE OF SOURCE OF SUPPLY INFORMATION.

AS3124B HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.

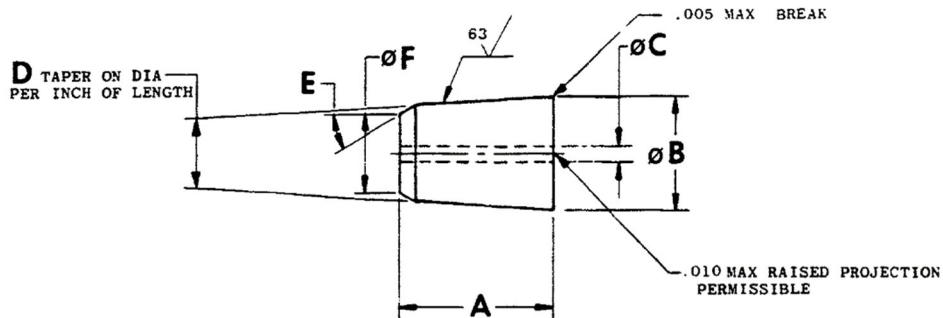


FIGURE 1

TABLE 1 - PART NUMBERS AND DIMENSIONS

AEROSPACE STANDARD PART NUMBER /7/	MANUFACTURER'S PART NUMBER /7/	A NOM	ØB NOM	ØC MAX	ØD NOM	E NOM	ØF NOM	APPROX MASS LB/100
AS3124-01	PLGA0934010A	.062	.069	.020	.0417	30°	.056	.002
AS3124-02	PLGA1254010A	.086	.095	.020	.0417	10°	.085	.006
AS3124-03	PLGA1564010A	.078	.118	.032	.0417	13°	.107	.008
AS3124-04	PLGA1874010A	.114	.154	.040	.0417	10°	.139	.020
AS3124-05	PLGA2184010A	.145	.179	.040	.0417	(a)	(a)	.034
AS3124-06	PLGA2504010A	.160	.212	.040	.0417	10°	.196	.055
AS3124-07	PLGA2814010A	.193	.245	.040	.0313	10°	.233	.087
AS3124-08	PLGA3434010A	.216	.290	.060	.0156	10°	.277	.137
AS3124-09	PLGA4064010A	.255	.357	.060	.0208	10°	.344	.246
AS3124-10	PLGA4684010A	.285	.427	.060	.0208	(a)	(a)	.402
AS3124-11	PLGA5314010A	.375	.486	.060	.0156	10°	.471	.675
AS3124-12	PLGA6564010A	.390	.598	.060	.0182	10°	.581	1.081

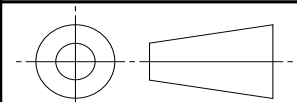
(a) .01-.02 RADIUS INSTEAD OF A CHAMFER

NOTES:

- MATERIAL: AMS4120 SIMILAR TO UNS A92024 (AL ALLOY 2024-T4; SIZES 01 THROUGH 09 AND AL ALLOY 2024-T351; SIZES 10 THROUGH 12), OR AMS-QQ-A-225/6 UNS A92024 (AL ALLOY 2024-T4; SIZES 01 THROUGH 09, AND AL ALLOY 2024-T351; SIZES 10 THROUGH 12).
- FINISH: MIL-DTL-5541, TYPE 1, CLASS 1A OR 3, DYED YELLOW.
- PINS ARE PREWAXED TO AID DRIVING.

For more information on this standard, visit
<https://www.sae.org/standards/content/AS3124B/>

THIRD ANGLE PROJECTION



CUSTODIAN: E-25

PROCUREMENT SPECIFICATION: NONE



AEROSPACE STANDARD

PIN, EXPANSION - ALUMINUM,
2024-T4 AND 2024-T351,
SHORT, UNS A92024

AS3124™
SHEET 1 OF 2

REV.
B

Documents

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4. SURFACE TEXTURE: SYMBOLS PER ASME Y14.36M. REQUIREMENTS PER ASME B46.1. UNLESS OTHERWISE SPECIFIED, SURFACES TO BE 250 MICROINCHES Ra.
5. BREAK EDGES .003 TO .015, UNLESS OTHERWISE SPECIFIED.
6. DIMENSIONS ARE IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCE: ANGULAR DIMENSIONS $\pm 2^\circ$. DIMENSIONS APPLY AFTER FINISH.
- 7/ MARK AS3124-() PART NUMBER AND MANUFACTURER'S PART NUMBER ON PACKAGE IN ACCORDANCE WITH AS478, METHOD 37.
8. USE WITH AS3123 PLUGS. REFER TO AIR3277 FOR INSTALLATION PROCEDURES. REFER TO AS3588 FOR AS3123 PLUG AND AS3124 PIN SET OF PARTS.
9. DIMENSIONING AND TOLERANCING PER ASME Y14.5M-1994.
10. DO NOT USE UNASSIGNED PART NUMBERS.
11. UNLESS OTHERWISE SPECIFIED, PART INVENTORY MANUFACTURED TO PREVIOUS REVISIONS OF THE APPLICABLE DRAWING OR SPECIFICATION MAY BE PROCURED AND USED UNTIL STOCK IS DEPLETED.
12. AS, AIR, AND AMS ARE SAE INTERNATIONAL PUBLICATIONS.
ASME IS AN AMERICAN SOCIETY OF MECHANICAL ENGINEERS PUBLICATION.
MIL IS U.S. GOVERNMENT PUBLICATION.
13. REVISION INDICATOR: A CHANGE BAR (I) LOCATED IN THE LEFT MARGIN IS FOR THE CONVENIENCE OF THE USER IN LOCATING AREAS WHERE TECHNICAL REVISIONS, NOT EDITORIAL CHANGES, HAVE BEEN MADE TO THE PREVIOUS ISSUE OF THIS DOCUMENT. AN (R) SYMBOL TO THE LEFT OF THE DOCUMENT TITLE INDICATES A COMPLETE REVISION OF THE DOCUMENT, INCLUDING TECHNICAL REVISIONS. CHANGE BARS AND (R) ARE NOT USED IN ORIGINAL PUBLICATIONS, NOR IN DOCUMENTS THAT CONTAIN EDITORIAL CHANGES ONLY.

APPROVED SOURCE OF SUPPLY:
THE LEE CO
WESTBROOK, CT
CAGE CODE 92555.

ONLY THE ITEMS DESCRIBED ON THIS DRAWING ARE APPROVED FOR USE IN THE APPLICATIONS SPECIFYING THIS AEROSPACE STANDARD IDENTIFICATION NUMBER. A SUBSTITUTE ITEM SHALL NOT BE USED WITHOUT PRIOR APPROVAL BY THE DESIGN ACTIVITY RESPONSIBLE FOR THE APPLICATION.

IDENTIFICATION OF THE APPROVED SOURCE HEREON IS NOT TO BE CONSTRUED AS A GUARANTEE OF PRESENT OR CONTINUED AVAILABILITY AS A SOURCE OF SUPPLY FOR THE ITEM DESCRIBED ON THE DRAWING.

	AEROSPACE STANDARD		AS3124™ SHEET 2 OF 2	REV. B
	PIN, EXPANSION - ALUMINUM 2024-T4 AND 2024-T351, SHORT, UNS A92024			