

FED. SUPPLY CLASS

5325

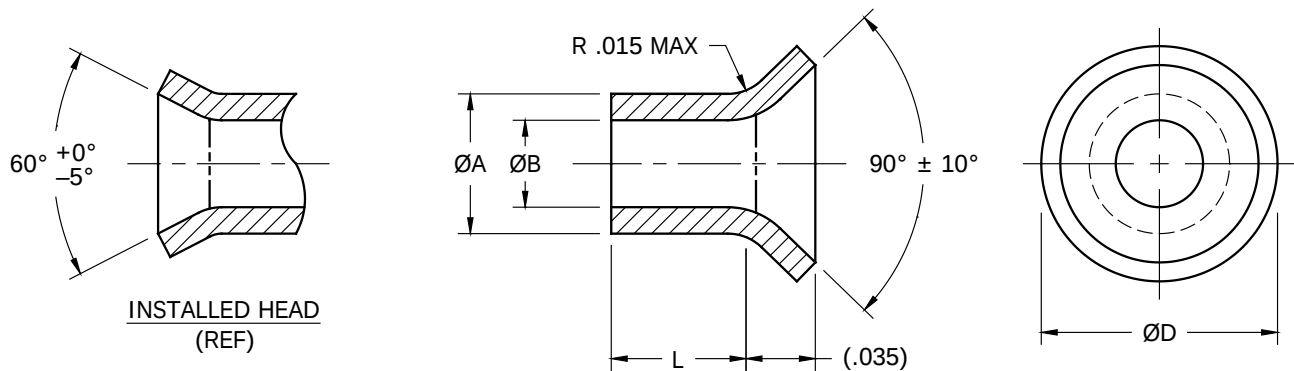


TABLE I – DIMENSIONS

DASH NO. /3/	ØA OD ±.002	ØB ID MIN	ØD FLANGE ±.005	L BARREL LENGTH ±.003	APPLICABLE PRINTED CIRCUIT BOARD THKNS (REF)	MAXIMUM AWG LEAD WIRE SIZE (REF)	WEIGHT (LB/100)
2-064()	.030	.020	.059	.064	1/32	NO. 28 (.0126)	.00144
3-064()	.047	.035	.080			NO. 22 (.0253)	.00283
4-064()	.060	.042	.100			NO. 20 (.0320)	.00529
2-095()	.030	.020	.059	.095	1/16	NO. 28 (.0126)	.00183
3-095()	.047	.035	.080			NO. 22 (.0253)	.00361
4-095()	.060	.042	.100			NO. 20 (.0320)	.00673
6-095()	.090	.067	.150			NO. 16 (.0508)	.01324
3-127()	.047	.035	.080	.127	3/32	NO. 22 (.0253)	.00442
4-127()	.060	.042	.100			NO. 20 (.0320)	.00822
6-127()	.090	.067	.150			NO. 16 (.0508)	.01617
3-158()	.047	.035	.080	.158	1/8	NO. 22 (.0253)	.00518
4-158()	.060	.042	.100			NO. 20 (.0320)	.00966
6-158()	.090	.067	.150			NO. 16 (.0508)	.01901

MATERIAL:

COPPER CONFORMING TO ASTM B152/B152M.

HEAT TREATMENT:

ANNEAL AT 750 °F FOR 30 MINUTES AFTER FABRICATION AND PRIOR TO PLATING.

① COMPLETELY REVISED

FORM 09-01	THIRD ANGLE PROJECTION	CUSTODIAN NATIONAL AEROSPACE STANDARDS COMMITTEE	REVISION 1
	PROCUREMENT SPECIFICATION		CLASSIFICATION PART STANDARD
	NONE	TITLE EYELET, METALLIC, ELECTRICAL, PRINTED CIRCUIT BOARD, FUNNEL TYPE	NAS1453 SHEET 1 OF 2

FINISH:

TIN PLATE IN ACCORDANCE WITH ASTM B545, .0003 TO .0005 THICKNESS.
GOLD PLATE IN ACCORDANCE WITH MIL-DTL-45204, TYPE I, CLASS 1.
SOLDER ELECTRO-PLATE, .0002 TO .0005 THICKNESS. SOLDER COMPOSITION SHALL BE 60 ± 10%
TIN, WITH THE REMAINDER LEAD.

CODE:

FIRST DASH NUMBER INDICATES BARREL OUTSIDE DIAMETER SIZE.
SECOND DASH NUMBER INDICATES NOMINAL BARREL LENGTH.
LAST CODE LETTER INDICATES FINISH:
"T" – TIN PLATE
"G" – GOLD PLATE
"S" – SOLDER ELECTRO-PLATE

EXAMPLE OF PART NUMBER:

NAS1453-2-064T = EYELET, METALLIC, ELECTRICAL, PRINTED CIRCUIT BOARD, FUNNEL TYPE,
Ø.030 BARREL OUTSIDE DIAMETER, .064 BARREL LENGTH, FOR 1/32
THICKNESS PRINTED CIRCUIT BOARD, COPPER MATERIAL, TIN PLATE FINISH.

NOTES:

- (1) DIMENSIONS IN INCHES AND APPLY PRIOR TO FINISH UNLESS OTHERWISE SPECIFIED.
- (2) THIS STANDARD TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN.
- /3/ APPLICABLE FINISH CODE LETTER TO BE SUBSTITUTED FOR PARENTHESIS.
- (4) UNLESS OTHERWISE SPECIFIED, PART INVENTORY MANUFACTURED TO PREVIOUS REVISIONS OF THE APPLICABLE DRAWING OR SPECIFICATION MAY BE PROCURED AND USED UNTIL STOCK IS DEPLETED.
- (5) UNLESS OTHERWISE SPECIFIED HEREIN, REFERENCED DOCUMENTS SHALL BE THE ISSUE IN EFFECT ON DATE OF MANUFACTURE. HOWEVER, EXISTING MATERIAL INVENTORY CERTIFIED TO A PREVIOUS REVISION OF THE APPLICABLE MATERIAL SPECIFICATION(S) IS ACCEPTABLE FOR USE UNTIL DEPLETION.
- (6) DIMENSIONING AND TOLERANCING PER ANSI Y14.5M-1982.
- (7) IDENTIFICATION: MANUFACTURER TO IDENTIFY ALL MINIMUM PACKAGES BY PACKAGE MARKING OF APPLICABLE COMPLETE NAS STANDARD PART NUMBER IN ACCORDANCE WITH MIL-STD-130.
- (8) PREPARATION FOR DELIVERY: THESE PARTS SHALL BE PACKAGED AND SHIPPED IN AIRTIGHT CONTAINERS WITH DESICCANT ADDED. PRESERVATION, PACKAGING AND PACKING SHALL BE IN ACCORDANCE WITH MIL-STD-2073-1, LEVEL C.

① COMPLETELY REVISED

REVISION
1
NAS1453
SHEET 2



NAS1453

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