

NOTE: DATA MARKED WITH AN ASTRISK (\*) IS PECULIAR TO A PRIOR MANUFACTURER. IT DOES NOT TAKE PRECEDENCE OVER ANY OTHER DATA ON THIS DRAWING, AND IS NOT CONTRACTUALLY BINDING ON EITHER THE CONTRACTOR OR THE GOVERNMENT.

THIS DOCUMENT HAS BEEN PURCHASED BY THE GOVERNMENT AND MAY BE REPRODUCED AND USED IN CONNECTION WITH ANY GOVERNMENT PROCUREMENT OR MAINTENANCE OPERATION.

APPLICATION

REVISIONS

NEXT ASSY	USED ON	LTR	DESCRIPTION	DATE	APPROVED
A3014094-1	DLA3014094--1	B	REVISED PER EC 186510	91-10-22	ERIC J. ZAYAS 84-C-K503
		C	REVISED PER EC 310720 <i>g. Alvarino</i>	94/02/22	<i>[Signature]</i> 92-C-G004 74 ED-RR-1
			P SABOWICZ J. NUTTLE		

- 1 as shown

SPECIFICATION CONTROL DRAWING

REVISION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
SHEET	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
REVISION	C	C	A	B																
SHEET	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20



AEROSPACE/OPTICAL DIVISION  
FSCM NO. 31550  
DAAB07-78-C-0150

U.S. ARMY COMMUNICATIONS --  
ELECTRONICS COMMAND  
FORT MONMOUTH, NEW JERSEY 07703

DWN	P. BALL 87-03-16	ENGR	R. SCHOLER 87-05-04
CHKD	ERIC J. ZAYAS 87-04-27		M. COLEBERT 87-05-04

TERMINAL, LUG - SOLDER TYPE

CECOM

REVIEWED	<i>[Signature]</i>	ED-RR-1
APPROVED	<i>[Signature]</i>	ED-RR-1
DATE	94/09/20	

SIZE	FSCM NO.	DWG. NO.
A	80063	A3018525
SCALE	NONE	SHEET 1 OF 4

TK

1. **SCOPE.**  
This specification defines the requirements for a solder lug.
2. **APPLICABLE DOCUMENTS**  
Issues of documents. The following documents of the issue in effect on date of solicitation form a part of this specification to the extent specified herein.  
Specification  
Military  
MIL-T-10727  
Tin Plating; Electrodeposited or Hot Dipped, for  
Ferrous and Non-Ferrous Metals.
- 2.2 Order of precedence. In the event of conflict between the requirements of this specification and those listed, the requirements of this specification shall govern.
3. **REQUIREMENTS**
- 3.1 General. Devices supplied to this specification shall meet the requirements of this specification.
- 3.2 Mechanical Dimensions. Shall conform to figure 1.
- 3.3 Finish. Lug terminals shall be tinned over their entire surface by electrodepositing or hot-dip process, in accordance with MIL-T-10727.
- 3.3.1 Thickness of plating. The minimum thickness of electrodeposit or matt electro tin plating shall be 0.000150 inch thick.
- 3.4 Solderability. Shall be solderable per paragraph 4.6.2 of Method 208, MIL-STD-202.
- 3.5 Base material. Base metal shall be brass 0.032 inch thick.
- 3.6 Markings. Solder lugs supplied to this specification shall be marked with the following items on the smallest unit container.  
a. Manufacturer's part number  
b. Manufacturer's name or symbol
- 3.7 Workmanship. Devices supplied to this specification shall be processed in such a manner as to be uniform in quality and shall be free from defects that will affect life.

SIZE	PSCM NO.	DWG. NO.
A	80063	A3018525
SCALE	NONE	LTR C
		SHEET 2

4. QUALITY ASSURANCE PROVISIONS

4.1 Responsibility for inspection. The manufacturer is responsible for the performance of all inspections specified herein. The procuring activity reserves the right to perform any of the inspections set forth in the specification where such inspections are deemed necessary to assure supplies and services conform to prescribed requirements.

4.2 Visual inspection. Devices supplied to this specification shall be inspected for the requirements specified in Paragraph 3 and figure 1.

5. PREPARATION FOR DELIVERY

5.1 Packaging. The packaged device shall be packaged in shipping containers in a manner that will afford adequate protection against damage during direct shipment from the supply source to the first receiving activity.

5.2 Packing. The packaged device shall be packed in shipping containers in a manner that will afford adequate protection against damage during direct shipment from the supply source to the first receiving activity. These packs shall conform to the applicable carrier rules and regulations.

5.3 Package marking. In addition to any special marking required by the purchase order, each unit package exterior container shall be clearly and legibly marked with at least the manufacturer's name and/or symbol, the manufacturer's part number and the procuring activity's purchase order number.

6. NOTES

6.1 Suggested source(s) of supply. Identification of the suggested source(s) of supply hereon is not to be construed as a guarantee of present or continued availability as a source of supply for the item(s).

(A) Zierick Mfg. Co.  
Radio Circle  
Mt. Kisco, NY 10549

(B)

(C)

FSCM: 79963

	A	B	C
CECOM PART NO.	VENDOR PART NO.	VENDOR PART NO.	VENDOR PART NO.
A3018525-1	663-110		

SIZE	FSCM NO.	DWG. NO.
A	80063	A3018525
SCALE	NONE	LTR
	A	SHEET
		3

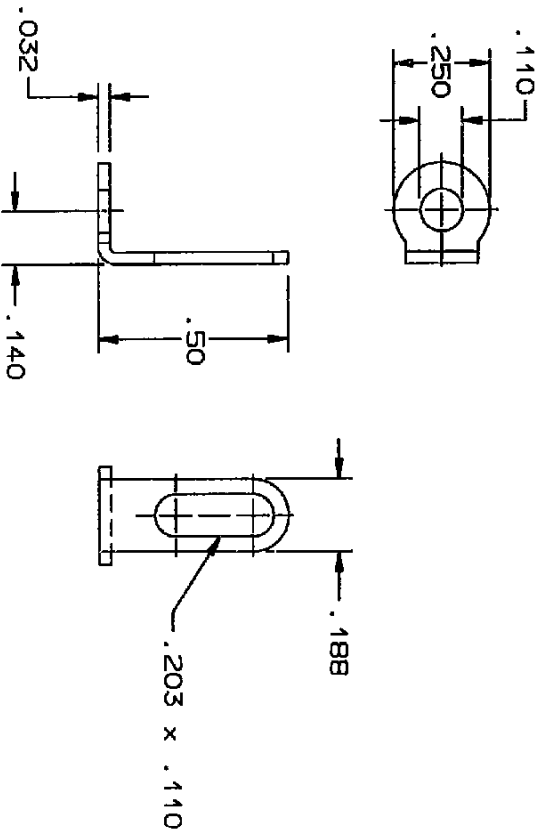


FIGURE 1. Configuration and dimensions.

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES DO NOT SCALE PRINT TOLERANCES

DECIMALS		ANGLE
2 PLACE	3 PLACE	
±.02	±.010	±1/2°

SIZE	FSCM NO.	DWG. NO.
<b>A</b>	<b>80063</b>	A3018525
SCALE	NONE	LTR
	B	SHEET
		4