

LANYARD DETAIL

April 2

DISSEMINATIONS IN INCHES
 JULIED SYMPHONIE IMPERIAL, TOLERANCE DECIMAL 2.218
 ABANDON THE SENSE 1/79

7. THE FOLLOWING ARE THE ENLARGED POSITION FOR CLARITY THIS POSITION SHALL ONLY BE POSTED, I AND "H" MARKED TO THE RECEIPTABLE IN THE NORMAL, BEING MARKED POSITION THE FOLLOWING IS TRUE.

- A. THE VISUAL LOCK INDICATOR IS NOT IN VIEW
- B. THE BALLS ARE RELEASED WHEN "G" HAS EQUALS "2"

ISS NUMBER	CLASS	SIZE	KEY	CONTACT STYLE	ALTERNATE INHERENT POSITION
1	1	1	1	1	1
2	2	2	2	2	2
3	3	3	3	3	3
4	4	4	4	4	4
5	5	5	5	5	5
6	6	6	6	6	6
7	7	7	7	7	7
8	8	8	8	8	8
9	9	9	9	9	9
10	10	10	10	10	10
11	11	11	11	11	11
12	12	12	12	12	12
13	13	13	13	13	13
14	14	14	14	14	14
15	15	15	15	15	15
16	16	16	16	16	16
17	17	17	17	17	17
18	18	18	18	18	18
19	19	19	19	19	19
20	20	20	20	20	20
21	21	21	21	21	21
22	22	22	22	22	22
23	23	23	23	23	23
24	24	24	24	24	24
25	25	25	25	25	25
26	26	26	26	26	26
27	27	27	27	27	27
28	28	28	28	28	28
29	29	29	29	29	29
30	30	30	30	30	30
31	31	31	31	31	31
32	32	32	32	32	32
33	33	33	33	33	33
34	34	34	34	34	34
35	35	35	35	35	35
36	36	36	36	36	36
37	37	37	37	37	37
38	38	38	38	38	38
39	39	39	39	39	39
40	40	40	40	40	40
41	41	41	41	41	41
42	42	42	42	42	42
43	43	43	43	43	43
44	44	44	44	44	44
45	45	45	45	45	45
46	46	46	46	46	46
47	47	47	47	47	47
48	48	48	48	48	48
49	49	49	49	49	49
50	50	50	50	50	50
51	51	51	51	51	51
52	52	52	52	52	52
53	53	53	53	53	53
54	54	54	54	54	54
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57	57	57	57	57	57
58	58	58	58	58	58
59	59	59	59	59	59
60	60	60	60	60	60
61	61	61	61	61	61
62	62	62	62	62	62
63	63	63	63	63	63
64	64	64	64	64	64
65	65	65	65	65	65
66	66	66	66	66	66
67	67	67	67	67	67
68	68	68	68	68	68
69	69	69	69	69	69
70	70	70	70	70	70
71	71	71	71	71	71
72	72	72	72	72	72
73	73	73	73	73	73
74	74	74	74	74	74
75					

This military standard is approved by the Department of Defense and is mandatory for use by all Departments & Agencies of the Department of Defense. Infection for all new engineering and design applications and for maintenance use shall be made from this document.

P.A. NAVY-AS	International Interest	TITLE	MILITARY STANDARD
Other Cust ARMY-EL		CONNECTOR, PLUG, ELECTRIC, SOLDER TYPE LANYARD, PUSH-PULL COUPLING, SERIES I (CLASS E, P AND J)	MS 3138
Procurement Specification MIL-C-81703		SUPERSEDES:	SHEET 1 OF 2

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P.A. NAVY-AS

Other Cust

ARMY-EL

Procurement Specification
MIL-C-81703International
interest

TITLE

CONNECTOR, PLUG, ELECTRIC, SOLDER TYPE, LANYARD
PUSH-PULL COUPLING, SERIES I
(CLASS E, P AND J)

SUPERSEDES:

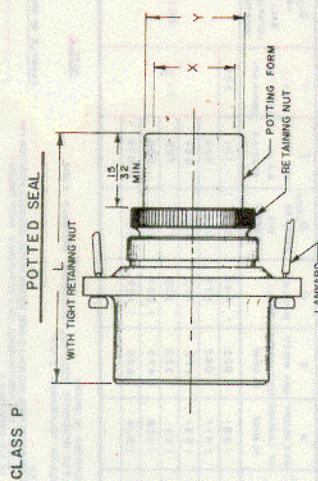
MILITARY STANDARD

MS 3138

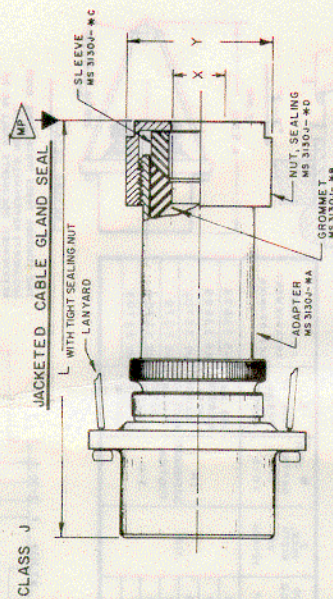
SHEET 2

DD FORM
10 APR 64 672

(Coordinated) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.



CLASS P



CLASS J

SHELL SIZE DASH NO.	L LENGTH MAX.	X DIA. DIA. POTTING FORM	Y DIA. DIA. POTTING FORM	Y DIA. DIA. POTTING FORM	L LENGTH MAX.	X CABLE SEALING MIN.	X CABLE SEALING MAX.	Y MAX. DIA. NUT	ADAPTER MS 3130J-4A	GROMMET MS 3130J-4B	SLEEVE MS 3130J-4C	NUT SEALING MS 3130J-4D
- 3	1.734	.261	.391	.515	2.719	.178	.210	.645	MS 3130J-3A	MS 3130J-3B	MS 3130J-3C	MS 3130J-3D
- 7	1.718	.372	.515	.630	3.188	.381	.413	.926	MS 3130J-7A	MS 3130J-7B	MS 3130J-7C	MS 3130J-7D
- 12		.482	.630	.760	3.219	.412	.444	.988	MS 3130J-12A	MS 3130J-12B	MS 3130J-12C	MS 3130J-12D
- 19		.602	.760	.887	3.219	.522	.554	1.113	MS 3130J-19A	MS 3130J-19B	MS 3130J-19C	MS 3130J-19D
- 27		.725	.887	1.047	3.219	.600	.632	1.113	MS 3130J-27A	MS 3130J-27B	MS 3130J-27C	MS 3130J-27D
- 37		.837	1.047		3.200	.662	.694	1.176	MS 3130J-37A	MS 3130J-37B	MS 3130J-37C	MS 3130J-37D

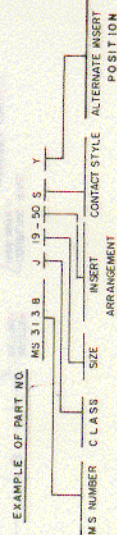
DIMENSIONS IN INCHES UNLESS OTHERWISE SPECIFIED
TOLERANCE: DECIMALS $\pm .016$, ANGULAR TOLERANCE $\pm 1/2^\circ$.

NOTES:

1 FOR CLASS J ADAPTER, SEALING NUT, SLEEVE AND GROMMET
SEE MS 3130 SHEET 3.

MAX. CABLE WEIGHTS IN POUNDS
ALLOWABLE FORCE IN DIRECTION
INDICATED:

SHELL	SIZE	MAX. WEIGHT
- 3	2.0	2.0
- 7	2.0	2.0
- 12	4.0	4.0
- 19	5.0	5.0
- 27	6.0	6.0
- 37	12.0	12.0



THIS STANDARD TAKES PRECEDENCE OVER DOCUMENTS
WHICH HAVE BEEN REVISED OR AMENDED. DOCUMENTS SHALL
BE OF THE ISSUE IN EFFECT ON DATE OF INITIATION
FOR BID.

APPROVED

10 SEPT 62

REVISED (D) FOR CHANGES SEE SHEETS 1 & 2.

FED. SUP CLASS
5935