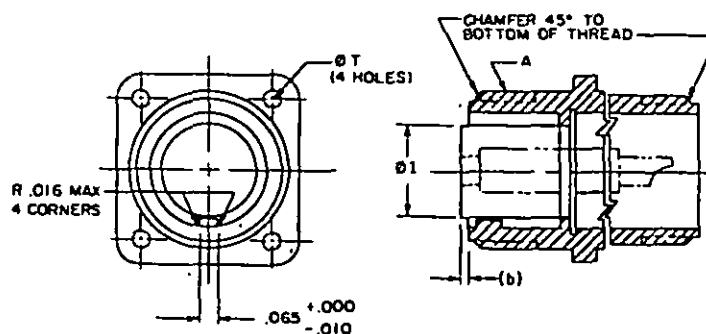


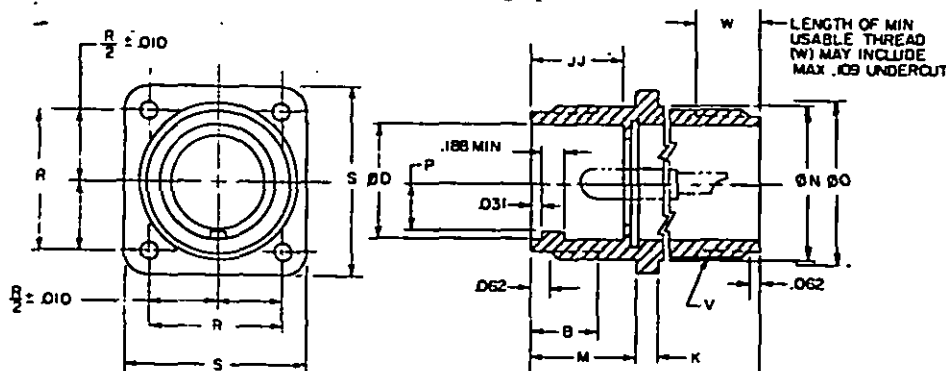
THE REQUIREMENTS FOR ACQUIRING THE PRODUCT(S) DESCRIBED HEREIN SHALL CONSIST OF THIS SPECIFICATION SHEET AND THE ISSUE OF THE FOLLOWING SPECIFICATION LISTED IN THAT ISSUE OF THE DODDS SPECIFIED IN THE SOLICITATION: MIL-C-5015

THIS SPECIFICATION IS APPROVED FOR USE BY ALL DEPARTMENTS AND AGENCIES OF THE DEPARTMENT OF DEFENSE.

Form approved
DMS No. 0704-0188



STYLE S (SOCKET INSERT)



STYLE P (PIN INSERT)

CLASS A - SOLID SHELL / CLASS C - PRESSURIZED

SIZE	A COUPLING THREAD	B MIN USABLE THREAD	D Ø .015 - .000 Ø INSIDE	Ø T MAX INSERT	(c) JJ Ø .031 - .000 INSERT LOCATION	R THICKNESS MOUNTING FLANGE MAX MIN	L MAX OVERALL LENGTH	M Ø .031/ - .000 MOUNTING FLANGE LOCATION	R MAX Ø Ø W/50%	Ø O (r & f) MOUNTING HOLE	P Ø .015 - .000 KEY HEIGHT	R Ø .005 CL-CL MOUNTING HOLES	S Ø .031 LENGTH SIDE	Ø T Ø .010/ - .005 MOUNTING BOLT HOLE	V THREAD	W MIN USABLE THREAD	FOR INSERT ARRANGE- MENT SEE DRAWING
85	1/2-28		.370	.250			1.469		.532	.562	.130	.594	.875				
105	5/8-24	.375	.448	.320	.562		1.531	.562	.656	.688	.165	.719	1.000		1/2-28		
105L																	
125	3/4-20		.557	.448			1.688		.782	.812	.224	.812	1.094		5/8-24		
12		.625			.750	.156	.062	2.062	.750								
145	7/8-20	.375	.682	.525	.562		1.688	.562	.906	.938	.263	.906	1.188	.120	3/4-20	.375	
14		.625			.750		2.062	.750									
165	1 -20	.375	.807	.650	.562		1.688	.562	1.032	1.062	.325	.969	1.281		7/8-20		
16							2.062	.750	1.156	1.188	.385	1.062	1.375		1 -20		
18	1-1/8-18		.932	.770					1.282	1.312	.463	1.156	1.500				
20	1-1/4-18		1.058	.925			2.188		1.406	1.438	.510	1.250	1.625		1-3/16-18		
22	1-3/8-18		1.182	1.020	.750	.203	.094		1.532	1.562	.573	1.375	1.750				
24	1-1/2-18	.625	1.307	1.145			2.312	.812	1.782	1.812	.883	1.562	2.000	.147	1-7/16-18		
28	1-3/4-18		1.526	1.365					2.032	2.062	.808	1.750	2.250		1-3/4-18	.438	
32	2 -18		1.776	1.615					2.282	2.312	.915	1.938	2.500		2 -18		
36	2-1/4-16		1.995	1.830			2.438		2.532	2.562	1.023	2.188	2.750	.173	2-1/4-16	.562	
40	2-1/2-16		2.245	2.085		.359	.125	.875	2.782	2.812	1.150	2.375	3.000		2-1/2-16		
44	2-3/4-16		2.495	2.330					3.032	3.062	1.275	2.625	3.250		3 -16	.625	
48	3 -16		2.745	2.550			2.562										

PREPARING ACTIVITY: NAVY-AS

CUSTODIANS: ARMY-CR NAVY-AS

AIR FORCE-85 NASA-NA

REVIEW: ARMY-MI, AV, ME, NAVY-SH, EC, AF-99

USER: ARMY-AT, NAVY-OS, MC, CG

PROJECT NUMBER: 5935-3887

MILITARY SPECIFICATION SHEET

TITLE CONNECTOR, RECEPTACLE,
ELECTRIC, WALL MOUNTING,
SOLDER CONTACTS, AN TYPE

SPECIFICATION SHEET NUMBER

MS3100

20 AUG 92

REV F

SUPERSEDING
MS3100 E

31 AUG 90

AWSC- N/A

FSC 5935

DISTRIBUTION STATEMENT A. Approved for public release; distribution is unlimited.

Page 1 of 9

THE REQUIREMENTS FOR ACQUIRING THE PRODUCT(S) DESCRIBED HEREIN SHALL CONSIST OF THIS SPECIFICATION SHEET AND THE ISSUE OF THE FOLLOWING SPECIFICATION LISTED IN THAT ISSUE OF THE DODISS SPECIFIED IN THE SOLICITATION: MIL - C - 5015

(F)

NOTES:

- (a) SIZES BS THRU 40 OF CLASSES A AND C ARE CANCELLED AFTER 1 JAN 1991. FOR REPLACEMENT PURPOSES USE CLASS F FOR SADDLE CLAMP WITH GROMMET SEAL OR CLASS R FOR GROMMET SEAL WITHOUT SADDLE CLAMP. MANUFACTURERS MAY CONTINUE TO SUPPLY THESE SIZES OF CLASSES A AND C UNTIL 1 JAN 1992 OR EXHAUST THEIR INVENTORIES, WHICHEVER COMES FIRST. FOR NEW DESIGN USE MS3450W WITH THE APPROPRIATE MBS049/31 BACKSHELL. FOR SHIPBOARD JACKETED CABLES USE MS3400.
- (b) SIZES 44 AND 48 OF CLASSES A AND C ARE INACTIVE FOR NEW DESIGN AFTER 17 DECEMBER 1958.
- (c) WHERE RESILIENT INSERTS ARE USED, JJ MAY BE .109 LESS THAN THAT INDICATED.
- (d) SOCKET INSERT OF HARD MATERIAL SHALL EXTEND .016 MAXIMUM BEYOND OR .032 MAXIMUM BELOW SHELL. SOCKET INSERT OF RESILIENT MATERIAL SHALL EXTEND .047 +.000 -.047 BEYOND SHELL AS SHOWN.
- (e) CONNECTORS MS3100A (OR C) REPLACE AND ARE INTERCHANGEABLE WITH CORRESPONDING AN3100A (OR C) CONNECTORS.

EXAMPLE OF PART NUMBER:

MS3100A18-SSY

MS SHELL CLASS SIZE INSERT ARRANGEMENT STYLE ALTERNATE INSERT POSITION
DRAWING NO. (A OR C) NUMBER (P OR S) (W, X, Y OR Z). LEAVE
BLANK FOR NORMAL POSITION

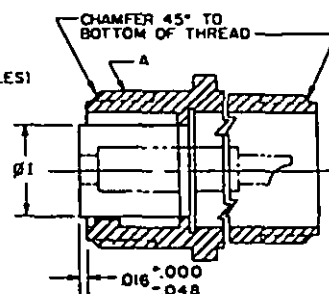
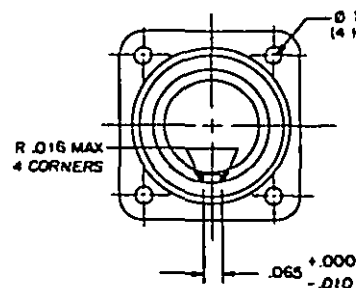
DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: DECIMALS $\pm .016$. THIS SPECIFICATION SHEET TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN. REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATIONS FOR BID.

CERTAIN PROVISIONS OF THIS SPECIFICATION SHEET ARE THE SUBJECT OF INTERNATIONAL STANDARDIZATION AGREEMENTS NATO STANAG 3372, NEPR 28. WHEN AMENDMENT, REVISION, OR CANCELLATION OF THIS SPECIFICATION SHEET IS PROPOSED WHICH WILL MODIFY THE INTERNATIONAL AGREEMENT CONCERNED, THE PREPARING ACTIVITY WILL TAKE APPROPRIATE ACTION THROUGH INTERNATIONAL STANDARDIZATION CHANNELS INCLUDING DEPARTMENTAL STANDARDIZATION OFFICES TO CHANGE THE AGREEMENT OR MAKE OTHER APPROPRIATE ACCOMMODATIONS.

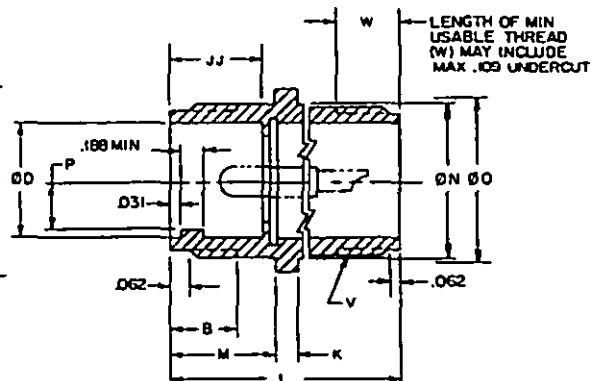
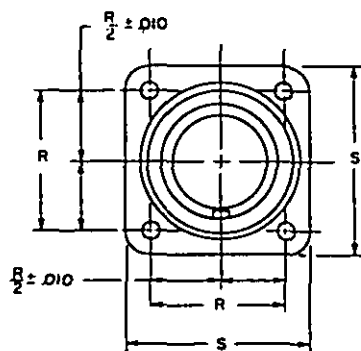
(F) DENOTES CHANGE

PREPARING ACTIVITY: NAVY-AS CUSTODIANS: ARMY-CR NAVY-AS AIR FORCE-BS NASA-NA REVIEW: ARMY-MI, AV, ME, NAVY-SH, EC, AF-99 USER: ARMY-AT, NAVY-OS, MC, CG PROJECT NUMBER: 5935-3887	MILITARY SPECIFICATION SHEET TITLE CONNECTOR, RECEPTACLE, ELECTRIC, WALL MOUNTING, SOLDER CONTACTS, AN TYPE	SPECIFICATION SHEET NUMBER 20 AUG 92 MS3100 REV F SUPERSEDING 31 AUG 90 MS3100 E AMSC- N/A FSC 5935
DISTRIBUTION STATEMENT A. Approved for public release; distribution is unlimited.		Page 2 of 9

THIS SPECIFICATION IS APPROVED FOR USE BY ALL DEPARTMENTS AND AGENCIES OF THE DEPARTMENT OF DEFENSE.

Form approved
OMB No. 0704-0188

STYLE S (SOCKET INSERT)



STYLE P (PIN INSERT)

CLASS K - FIREWALL

SIZE	A COUPLING THREAD	B MIN USABLE THREAD	D Ø INSIDE	Ø I MAX INSERT	JJ Ø .031 MIN INSERT LOCATION	K MIN THICKNESS MOUNTING FLANGE	L MAX OVERALL LENGTH	H Ø .031/- Ø .000 MOUNTING FLANGE LOCATION	R MAX Ø OUTSIDE	Ø O (ref) MOUNTING HOLE	P Ø .015 CL-CL MOUNTING HOLES	R Ø .005 CL-CL MOUNTING HOLES	S Ø .031 LENGTH SIDE	Ø T Ø .010/ Ø .005 MOUNTING BOLT HOLE	V THREAD	W MIN USABLE THREAD	FOR INSERT ARRANGE- MENT SEE
85	1/2-28		.370	.250					.532	.562	.130	.594	.875				
105	5/8-24	.375	.448	.320	.562		2.188	.562	.656	.688	.165	.719	1.000		1/2-28		
105L																	
125	3/4-20		.557	.448					.782	.812	.224	.812	1.094	.150	5/8-24		
12		.625			.750	.062	2.875	.750									
145		.375			.562		2.188	.562									
14	7/8-20	.625	.682	.525	.750		2.875	.750	.906	.938	.263	.906	1.188		3/4-20	.375	MIL-STD-1651
165		.375			.562		2.188	.562									
16	1 -20		.807	.650					1.032	1.062	.325	.969	1.281		7/8-20		
18	1-1/8-18		.932	.770			2.875	.750	1.156	1.188	.385	1.062	1.375		1 -20		
20	1-1/4-18		1.056	.925					1.244	1.275	.463	1.156	1.500		1-3/16-18		
22	1-3/8-18	.625	1.182	1.020	.750				1.406	1.438	.510	1.250	1.625				
24	1-1/2-18		1.307	1.145		.078		.812	1.625	1.688	.573	1.375	1.750	.177	1-7/16-18		
28	1-3/4-18		1.526	1.365			3.125		1.782	1.812	.683	1.562	2.000				
32	2 -18		1.776	1.615					2.032	2.062	.808	1.750	2.250		1-3/4-18	.428	
36	2-1/4-16		1.995	1.830		.125		.875	2.282	2.312	.915	1.938	2.500	.209	2 -18	.500	
40	2-1/2-16		2.245	2.045					2.532	2.562	1.023	2.188	2.750		2-1/4-16		

PREPARING ACTIVITY: NAVY-AS

CUSTODIANS: ARMY-CR

NAVY-AS

AIR FORCE-85

NASA-NA

REVIEW: ARMY-MI, AV, ME, NAVY-SH, EC, AF-99

USER: ARMY-AT, NAVY-OS, MC, CG

PROJECT NUMBER: 5935-3887

MILITARY SPECIFICATION SHEET

TITLE CONNECTOR, RECEPTACLE,
ELECTRIC, WALL MOUNTING,
SOLDER CONTACTS, AN TYPE

SPECIFICATION SHEET NUMBER

MS3100

20 AUG 92

REV F

SUPERSEDING
MS3100 E

31 AUG 90

AMSC- N/A

FSC 5935

DISTRIBUTION STATEMENT A. Approved for public release; distribution is unlimited.

Page 3 of 9

DD FORM 672 MAY 1988

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

113000

THE REQUIREMENTS FOR ACQUIRING THE PRODUCT(S) DESCRIBED HEREIN SHALL CONSIST OF THIS SPECIFICATION SHEET AND THE ISSUE OF THE FOLLOWING SPECIFICATION LISTED IN THAT ISSUE OF THE DODDS SPECIFIED IN THE SOLICITATION: MIL-C-5015

THIS SPECIFICATION IS APPROVED FOR USE BY ALL DEPARTMENTS AND AGENCIES OF THE DEPARTMENT OF DEFENSE.

Form approved
OMB No. 0704-0188

NOTES:

- (F) (a) CLASS K IS INACTIVE FOR NEW DESIGN AFTER 1 JAN 1991. USE MS3450K WITH THE APPROPRIATE M85049/31 BACKSHELL FOR NEW DESIGN. FOR SHIPBOARD JACKETED CABLES USE MS3400.
 (b) CONNECTORS MS3100K REPLACE AND ARE INTERCHANGEABLE WITH CORRESPONDING AN3100K CONNECTORS.

EXAMPLE OF PART NUMBER:

MS3100K18-SSY

MS SHELL DRAWING NO.	CLASS	SIZE	INSERT ARRANGEMENT NUMBER	STYLE (P OR S)	ALTERNATE INSERT POSITION (W, X, Y OR Z). LEAVE BLANK FOR NORMAL POSITION
-------------------------	-------	------	------------------------------	-------------------	---

DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: DECIMALS $\pm .016$.
 FOR DESIGN FEATURE PURPOSES, THIS SPECIFICATION SHEET TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN.
 REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATIONS FOR BID.

(F) DENOTES CHANGE

PREPARING ACTIVITY: NAVY-AS
 CUSTODIANS: ARMY-CR NAVY-AS
 AIR FORCE-85 NASA-NA
 REVIEW: ARMY-MI, AV, ME, NAVY-SH, EC, AF-99
 USER: ARMY-AT, NAVY-OS, MC, CG
 PROJECT NUMBER: 9935-3887

MILITARY SPECIFICATION SHEET
 TITLE CONNECTOR, RECEPTACLE,
 ELECTRIC, WALL MOUNTING,
 SOLDER CONTACTS, AN TYPE

SPECIFICATION SHEET NUMBER
MS3100 20 AUG 92
 REV F

SUPERSEDING
 MS3100 E 31 AUG 90

AMSC- N/A FSC 5935

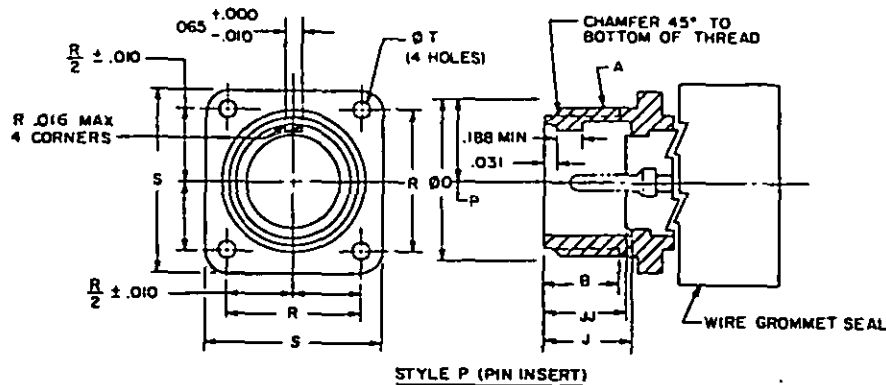
DISTRIBUTION STATEMENT A. Approved for public release; distribution is unlimited.

Page 4 of 9

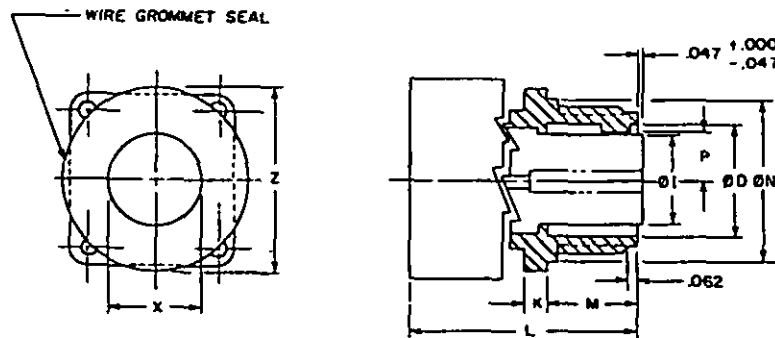
THE REQUIREMENTS FOR ACQUIRING THE PRODUCT(S) DESCRIBED HEREIN SHALL CONSIST OF THIS SPECIFICATION SHEET AND THE ISSUE OF THE FOLLOWING SPECIFICATION LISTED IN THAT ISSUE OF THE DDSS SPECIFIED IN THE SOLICITATION: MIL-C-5015

THIS SPECIFICATION IS APPROVED FOR USE BY ALL DEPARTMENTS AND AGENCIES OF THE DEPARTMENT OF DEFENSE.

Form approved
OMB No. 0704-0188



STYLE P (PIN INSERT)



STYLE S (SOCKET INSERT)

CLASS E - ENVIRONMENT RESISTANT

SIZE	A COUPLING THREAD	B MIN USABLE THREAD	D +.015 -.000 Ø INSIDE	Ø I MAX INSERT	J +.031 -.000 INT SHELL SHLDR	JJ ±.031 INSERT LOCA- TION	K THICKNESS MOUNTING FLANGE MAX MIN	L (b) MAX OVER- ALL LENGTH	M +.031 -.000 MTG FLANGE LOCATION	N MAX Ø OUTSIDE	Ø O (ref) MOUNT- ING HOLE	P +.015 -.000 KEY HEIGHT	R +.005 CL-CL MTG HOLES	S +.031 LENGTH SIDE	Ø T +.010 -.005 MTG HOLES	X MIN CABLE CLEAR- ANCE	Z MAX ACROSS CABLE ADAPTER ASSY	FOR INSERT ARRANGE- MENT SEE						
85	1/2-28		.370	.250							.532	.562	.130	.594	.875		.172	1.046	MIL-STD-1651					
105	5/8-24		.375	.448							.320	.562	.484	2.250	.562		.656	.688		.165	.719	1.000		
105L																								
125	3/4-20		.557	.448							.782	.812	.224	.812	1.094	.281	1.125							
12			.625								.750	.672	.156	.078	2.625	.750								
145	7/8-20		.375	.682							.525	.562	.484		2.250	.562	.906	.938		.263	.906	1.188	.120	.406
14			.625		.750	.672			2.625	.750														
165	1 -20		.375	.807	.650	.562	.484		2.250	.562	1.032	1.062	.325	.969	1.281		.500	1.484						
16									2.625															
18	1-1/8-18			.932	.770				2.688	.750	1.156	1.188	.385	1.062	1.375		.531	1.609						
20	1-1/4-18		1.058	.925						1.282	1.312	.463	1.156	1.500		.656	1.890							
22	1-3/8-18		1.182	1.020	.750	.672	.203	.094	2.750	1.406	1.438	.510	1.250	1.625		.750								
24	1-1/2-18		.625	1.307	1.145				2.969	.812	1.532	1.562	.573	1.375	1.750	.147	.781	2.170						
28	1-3/4-18			1.526	1.365						1.782	1.812	.683	1.562	2.000		.922							
32	2 -18		1.776	1.615				3.031		2.032	2.062	.808	1.750	2.250		1.156	2.656							
36	2-1/4-16		1.995	1.830			.359	.125	3.281	.675	2.262	2.312	.915	1.838	2.500	.173	1.250	2.922						
40	2-1/2-16		2.245	2.045					3.500		2.532	2.562	1.023	2.188	2.750		1.562	3.531						

PREPARING ACTIVITY: NAVY-AS

CUSTODIANS: ARMY-CR NAVY-AS

AIR FORCE-85 NASA-NA

REVIEW: ARMY-MI, AV, ME, NAVY-SH, EC, AF-99

USER: ARMY-AT, NAVY-OS, MC, CG

PROJECT NUMBER: 5935-3887

MILITARY SPECIFICATION SHEET

TITLE CONNECTOR, RECEPTACLE,
ELECTRIC, WALL MOUNTING,
SOLDER CONTACTS, AN TYPE

SPECIFICATION SHEET NUMBER

20 AUG 92

MS3100

REV F

SUPERSEDING

MS3100 E

31 AUG 90

AWSC-

N/A

FSC 5935

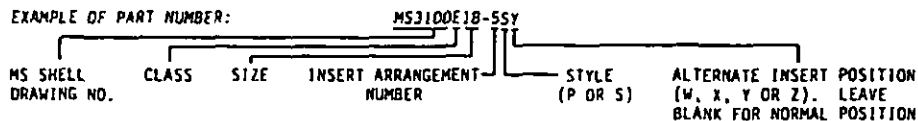
DISTRIBUTION STATEMENT A. Approved for public release; distribution is unlimited.

Page 5 of 9

NOTES:

- (F) (a) CLASS E IS CANCELLED AFTER 1 JAN 1991. USE MS3100R AS A REPLACEMENT FOR MS3100E WITHOUT SADDLE CLAMP OR MS3100F FOR CLASS E WITH SADDLE CLAMP. MANUFACTURERS MAY CONTINUE TO SUPPLY CLASS E UNTIL 1 JAN 1992 OR EXHAUST THEIR INVENTORIES, WHICHEVER COMES FIRST. FOR NEW DESIGN USE MS3450W WITH THE APPROPRIATE M85049/31 BACKSHELL. FOR SHIPBOARD JACKETED CABLES USE MS3400.
- (b) ADD .375 FOR SIZE "O" CONTACTS.
- (c) MS3100E REPLACE AND ARE INTERCHANGEABLE WITH CORRESPONDING AN3100G CONNECTORS.

EXAMPLE OF PART NUMBER:



DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: DECIMALS $\pm .016$.
THIS SPECIFICATION SHEET TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN.
REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATIONS FOR BID.

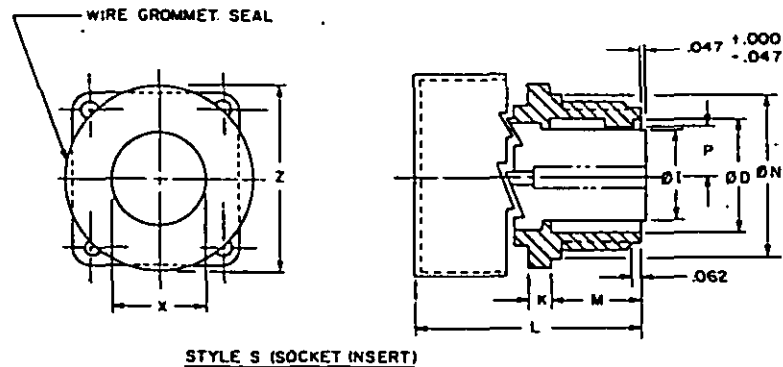
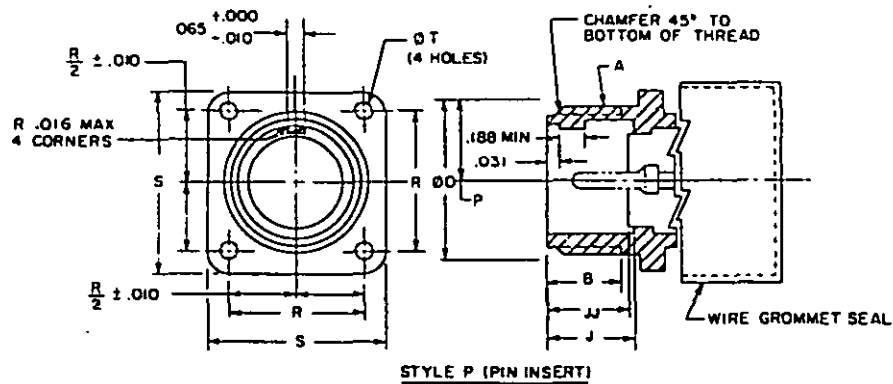
(F) DENOTES CHANGE

PREPARING ACTIVITY: NAVY-AS	MILITARY SPECIFICATION SHEET	SPECIFICATION SHEET NUMBER
CUSTODIANS: ARMY-CR NAVY-AS	TITLE CONNECTOR, RECEPTACLE, ELECTRIC, WALL MOUNTING, SOLDER CONTACTS, AN TYPE	MS3100 20 AUG 92 REV F
AIR FORCE-B5 NASA-NA		SUPERSEDING MS3100 E 31 AUG 90
REVIEW: ARMY-MI, AV, ME, NAVY-SH, EC, AF-99		AMSC- N/A FSC 5935
USER: ARMY-AT, NAVY-QS, MC, CG		
PROJECT NUMBER: 5935-3887		

DISTRIBUTION STATEMENT A. Approved for public release; distribution is unlimited.

Page 6 of 9

THE REQUIREMENTS FOR ACQUIRING THE PRODUCT(S) DESCRIBED HEREIN SHALL CONSIST OF THIS SPECIFICATION SHEET AND THE ISSUE OF THE FOLLOWING SPECIFICATION LISTED IN THAT ISSUE OF THE DODISS SPECIFIED IN THE SOLICITATION: MIL-C-5015



CLASS R - ENVIRONMENT RESISTANT

SIZE	A COUPLING THREAD	B RIB USABLE THREAD	D +.015 -.000 Ø INSIDE	Ø I MAX INSERT	J +.031 -.000 INT SHELL SHLDN	JJ +.031 INSERT LOCAL- TION	K THICKNESS MOUNTING FLANGE MAX MIN	L (A) MAX OVER- ALL LENGTH	R +.031 -.000 MTG FLANGE LOCATION	R MAX Ø OUTSIDE	Ø O (Ø I) MOUNT- ING HOLE	P +.015 -.000 KEY HEIGHT	R +.005 EL-CL MTG HOLES	S +.031 LENGTH SIDE	Ø T +.010 -.005 MTG HOLES	I RIB CABLE CLEAR- ANCE	Z MAX ACROSS SEAL ASSY	FOR INSERT ARRANGE- MENT SEE	
85	1/2-28	3/8-24	.370	.250						.532	.562	.130	.594	.875		.172	1.046	MIL-STD-1651	
105			.320				1.838	.562	.656	.688		.165	.719	1.000					
105L					.562	.484						.165	.719	1.000					
125																			
12	3/4-20	.625	.557	.448	.750	.672	.156	.076	2.181	.750	.782	.812	.224	.812	1.094		.281		1.125
145	7/8-20	.375	.682	.525	.562	.484			1.838	.562	.906	.938	.263	.906	1.188	.120	.406		1.343
14		.625			.750	.672			2.181	.750									
165		.375			.562	.484			1.838	.562									
16	1 -20	.625	.807	.650					2.181		1.032	1.062	.325	.969	1.281		.500		1.484
18	1-1/8-18		.932	.770					.750	1.156	1.188	.385	1.062	1.375		.531	1.609		
20	1-1/4-18		1.058	.925						1.282	1.312	.463	1.156	1.500		.656	1.890		
22	1-3/8-18		1.182	1.020	.750	.672	.203	.094	2.281		1.406	1.438	.510	1.250	1.625		.750		
24	1-1/2-15		1.307	1.145						.812	1.532	1.562	.573	1.375	1.750	.147	.781	2.170	
28	1-3/4-19		1.526	1.365							1.782	1.812	.683	1.562	2.000		.922		
32	2 -18		1.776	1.615							2.032	2.062	.808	1.750	2.250		1.156	2.656	
36	2-1/4-16		1.995	1.930				.359	.125	2.322	.875	2.282	2.312	.915	1.938	2.500	.173	1.250	2.922
40	2-1/2-16		2.245	2.045						2.532	2.562	1.023	2.188	2.750		1.562	3.328		

PREPARING ACTIVITY: NAVY-AS

CUSTODIANS: ARMY-CR NAVY-AS

AIR FORCE-85 NASA-NA

REVIEW: ARMY-MI, AV, ME, NAVY-SH, EC, AF-99

USER: ARMY-AT, NAVY-OS, MC, CG

PROJECT NUMBER: 5935-3887

MILITARY SPECIFICATION SHEET

TITLE CONNECTOR, RECEPTACLE,
ELECTRIC, WALL MOUNTING,
SOLDER CONTACTS, AN TYPE

SPECIFICATION SHEET NUMBER

MS3100

20 AUG 92

REV F

SUPERSEDING

MS3100 E

31 AUG 90

AMSC- N/A

FSC 5935

DISTRIBUTION STATEMENT A. Approved for public release; distribution is unlimited.

Page 7 of 9

DD

FORM

672

MAY 1988

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

14 2894

THIS SPECIFICATION IS APPROVED FOR USE
BY ALL DEPARTMENTS AND AGENCIES OF THE
DEPARTMENT OF DEFENSE.

STANDARD STATE REPRODUCTION

NOTES:

- (F) (a) CLASS R IS INACTIVE FOR NEW DESIGN AFTER 1 JAN 1991. FOR NEW DESIGN USE MS3450W WITH APPROPRIATE M85049/31 BACKSHELL. FOR SHIPBOARD JACKETED CABLES USE MS3400.
 (b) ADD .375 FOR SIZE "0" CONTACTS.
 (c) MS3100R CONNECTORS REPLACE AND ARE INTERCHANGEABLE WITH CORRESPONDING MS3100C AND AN3100E CONNECTORS WITH SADDLE TYPE CABLE CLAMP.

EXAMPLE OF PART NUMBER:

MS SHELL CLASS SIZE INSERT ARRANGEMENT STYLE ALTERNATE INSERT POSITION
 DRAWING NO. NUMBER (P OR S) (W, X, Y OR Z). LEAVE
 BLANK FOR NORMAL POSITION

MS3100R18-55Y

DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: DECIMALS $\pm .016$.
 THIS SPECIFICATION SHEET TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN.
 REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATIONS FOR BID.

THE REQUIREMENTS FOR ACQUIRING THE PRODUCT(S) DESCRIBED HEREIN SHALL CONSIST
 OF THIS SPECIFICATION SHEET AND THE ISSUE OF THE FOLLOWING SPECIFICATION LISTED IN
 THAT ISSUE OF THE DODISS SPECIFIED IN THE SOLICITATION: MIL-C-5015

THIS SPECIFICATION IS APPROVED FOR USE
 BY ALL DEPARTMENTS AND AGENCIES OF THE
 DEPARTMENT OF DEFENSE.

(F) DENOTES CHANGE

PREPARING ACTIVITY: NAVY-AS
 CUSTODIANS: ARMY-CR NAVY-AS
 AIR FORCE-B5 NASA-NA
 REVIEW: ARMY-MI, AV, ME, NAVY-SH, EC, AF-99
 USER: ARMY-AT, NAVY-OS, MC, CG
 PROJECT NUMBER: 5935-3887

MILITARY SPECIFICATION SHEET
 TITLE CONNECTOR, RECEPTACLE,
 ELECTRIC, WALL MOUNTING,
 SOLDER CONTACTS, AN TYPE

SPECIFICATION SHEET NUMBER 20 AUG 92
 MS3100 REV F
 SUPERSEDING 31 AUG 90
 MS3100 E
 ANSC- N/A FSC 5935

DISTRIBUTION STATEMENT A. Approved for public release; distribution is unlimited.

Page 8 of 9

