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MATERIAL SPECIFIC DATA TABLE

TEST SPECIFICATION / MATERIAL CODE	SILICONE NICKEL GRAPHITE (SNG)	SILICONE SILVER ALUMINIUM (SSA)	FLUOROSILICONE NICKEL GRAPHITE (FNG)	FLUOROSILICONE SILVER ALUMINIUM (FSA)
RECOMMENDED OPERATING TEMPERATURE RANGE (°C)	-55 to 160	-55 to 160	-55 to 160	-55 to 160
SPECIFIC GRAVITY ± 13%	2.000	2.000	2.200	2.000
SHORE A HARDNESS ± 7	65	65	65	70
MAXIMUM VOLUME RESISTIVITY (Ω.CM)	0.05	0.008	0.05	0.012

HOLE PROFILE (SERIES I, II & IV)

ISOMETRIC VIEW (NTS)

SLOT PROFILE (SERIES III)

ISOMETRIC VIEW (NTS)

FSA	25	III	LIGHT GREEN	38.10	44.70	47.63	4.5	5.0	93-22076	2428016-I
FSA	25	I & IV	LIGHT GREEN	38.10	44.70	47.63	4.5	5.0	93-22040	2424049-I
FSA	23/24	I, II & IV	LIGHT GREEN	34.93	41.53	44.45	4.5	5.0	93-22039	2424047-I
FSA	23	III	LIGHT GREEN	34.93	41.53	44.45	4.5	5.0	93-22072	2428012-I
FSA	21/22	I, II & IV	LIGHT GREEN	31.75	38.35	41.28	4.0	4.0	93-22038	2424045-I
FSA	21	III	LIGHT GREEN	31.75	38.35	41.28	4.0	4.0	93-22068	2428008-I
FSA	19/20	I, II & IV	LIGHT GREEN	29.36	35.18	38.10	4.0	4.5	93-22037	2424043-I
FSA	19	III	LIGHT GREEN	29.36	35.18	38.10	4.0	4.5	93-22064	2428004-I
FSA	17/18	I, II & IV	LIGHT GREEN	26.97	32.25	34.32	4.0	3.5	93-22036	2424041-I
FSA	17	III	LIGHT GREEN	26.97	32.25	34.32	4.0	3.5	93-22060	2428000-I
FSA	15/16	I, II & IV	LIGHT GREEN	24.61	29.05	31.95	4.0	3.5	93-22035	2424039-I
FSA	15	III	LIGHT GREEN	24.61	29.05	31.95	4.0	3.5	93-22056	2427996-I
FSA	13/14	I, II & IV	LIGHT GREEN	23.01	25.78	29.29	4.0	3.5	93-22034	2424037-I
FSA	13	III	LIGHT GREEN	23.01	25.78	29.29	4.0	3.5	93-22052	2427992-I
FSA	11/12	I & IV	LIGHT GREEN	20.62	22.48	26.92	4.0	3.5	93-22033	2424035-I
FSA	11	III	LIGHT GREEN	20.62	22.48	26.92	4.0	3.5	93-22048	2427988-I
FSA	9/10	I & II	LIGHT GREEN	18.26	19.30	24.51	4.0	3.0	93-22032	2424033-I
FSA	9	III	LIGHT GREEN	18.26	19.30	24.51	4.0	3.0	93-22044	2427984-I
FSA	8	II	LIGHT GREEN	15.09	16.25	21.34	4.0	1.5	93-22031	2424032-I
SSA	25	III	BEIGE	38.10	44.70	47.63	4.5	5.0	93-22074	2428014-I
SSA	25	I & IV	BEIGE	38.10	44.70	47.63	4.5	5.0	93-22030	2424008-I
SSA	23/24	I, II & IV	BEIGE	34.93	41.53	44.45	4.5	5.0	93-22029	2424006-I
SSA	23	III	BEIGE	34.93	41.53	44.45	4.5	5.0	93-22070	2428010-I
SSA	21/22	I, II & IV	BEIGE	31.75	38.35	41.28	4.0	4.0	93-22028	2424004-I
SSA	21	III	BEIGE	31.75	38.35	41.28	4.0	4.0	93-22066	2428006-I
SSA	19/20	I, II & IV	BEIGE	29.36	35.18	38.10	4.0	4.5	93-22027	2424002-I
SSA	19	III	BEIGE	29.36	35.18	38.10	4.0	4.5	93-22062	2428002-I
SSA	17/18	I, II & IV	BEIGE	26.97	32.25	34.32	4.0	3.5	93-22026	2423999-I
SSA	17	III	BEIGE	26.97	32.25	34.32	4.0	3.5	93-22058	2427998-I
SSA	15/16	I, II & IV	BEIGE	24.61	29.05	31.95	4.0	3.5	93-22025	2423997-I
SSA	15	III	BEIGE	24.61	29.05	31.95	4.0	3.5	93-22054	2427994-I
SSA	13/14	I, II & IV	BEIGE	23.01	25.78	29.29	4.0	3.5	93-22024	2423995-I
SSA	13	III	BEIGE	23.01	25.78	29.29	4.0	3.5	93-22050	2427990-I
SSA	11/12	I, II & IV	BEIGE	20.62	22.48	26.92	4.0	3.5	93-22023	2423993-I
SSA	11	III	BEIGE	20.62	22.48	26.92	4.0	3.5	93-22046	2427986-I
SSA	9/10	I, II & IV	BEIGE	18.26	19.30	24.51	4.0	3.0	93-22022	2423991-I
SSA	9	III	BEIGE	18.26	19.30	24.51	4.0	3.0	93-22042	2427982-I
SSA	8	II	BEIGE	15.09	16.25	21.34	4.0	1.5	93-22021	2423990-I
FNG	25	III	DARK GREEN	38.10	44.70	47.63	4.5	5.0	93-22075	2428015-I
FNG	25	I, II & IV	DARK GREEN	38.10	44.70	47.63	4.5	5.0	93-22020	2423966-I
FNG	23/24	I, II & IV	DARK GREEN	34.93	41.53	44.45	4.5	5.0	93-22019	2423964-I
FNG	23	III	DARK GREEN	34.93	41.53	44.45	4.5	5.0	93-22071	2428011-I
FNG	21/22	I, II & IV	DARK GREEN	31.75	38.35	41.28	4.0	4.0	93-22018	2423962-I
FNG	21	III	DARK GREEN	31.75	38.35	41.28	4.0	4.0	93-22067	2428007-I
FNG	19/20	I, II & IV	DARK GREEN	29.36	35.18	38.10	4.0	4.5	93-22017	2423960-I
FNG	19	III	DARK GREEN	29.36	35.18	38.10	4.0	4.5	93-22063	2428003-I
FNG	17/18	I, II & IV	DARK GREEN	26.97	32.25	34.32	4.0	3.5	93-22016	2423958-I
FNG	17	III	DARK GREEN	26.97	32.25	34.32	4.0	3.5	93-22059	2427999-I
FNG	15/16	I, II & IV	DARK GREEN	24.61	29.05	31.95	4.0	3.5	93-22015	2423956-I
FNG	15	III	DARK GREEN	24.61	29.05	31.95	4.0	3.5	93-22055	2427995-I
FNG	13/14	I, II & IV	DARK GREEN	23.01	25.78	29.29	4.0	3.5	93-22014	2423954-I
FNG	13	III	DARK GREEN	23.01	25.78	29.29	4.0	3.5	93-22051	2427991-I
FNG	11/12	I, II & IV	DARK GREEN	20.62	22.48	26.92	4.0	3.5	93-22013	2423952-I
FNG	11	III	DARK GREEN	20.62	22.48	26.92	4.0	3.5	93-22047	2427987-I
FNG	9/10	I, II & IV	DARK GREEN	18.26	19.30	24.51	4.0	3.0	93-22012	2423950-I
FNG	9	III	DARK GREEN	18.26	19.30	24.51	4.0	3.0	93-22043	2427983-I
FNG	8	II	DARK GREEN	15.09	16.25	21.34	4.0	1.5	93-22011	2423949-I
SNG	25	III	DARK GREY	38.10	44.70	47.63	4.5	5.0	93-22073	2428013-I
SNG	25	I & IV	DARK GREY	38.10	44.70	47.63	4.5	5.0	93-22010	2423925-I
SNG	23/24	I, II & IV	DARK GREY	34.93	41.53	44.45	4.5	5.0	93-22009	2423923-I
SNG	23	III	DARK GREY	34.93	41.53	44.45	4.5	5.0	93-22069	2428009-I
SNG	21/22	I, II & IV	DARK GREY	31.75	38.35	41.28	4.0	4.0	93-22008	2423921-I
SNG	21	III	DARK GREY	31.75	38.35	41.28	4.0	4.0	93-22065	2428005-I
SNG	19/20	I, II & IV	DARK GREY	29.36	35.18	38.10	4.0	4.5	93-22007	2423919-I
SNG	19	III	DARK GREY	29.36	35.18	38.10	4.0	4.5	93-22061	2428001-I
SNG	17/18	I, II & IV	DARK GREY	26.97	32.25	34.32	4.0	3.5	93-22006	2423917-I
SNG	17	III	DARK GREY	26.97	32.25	34.32	4.0	3.5	93-22057	2427997-I
SNG	15/16	I, II & IV	DARK GREY	24.61	29.05	31.95	4.0	3.5	93-22005	2423915-I
SNG	15	III	DARK GREY	24.61	29.05	31.95	4.0	3.5	93-22053	2427993-I
SNG	13/14	I, II & IV	DARK GREY	23.01	25.78	29.29	4.0	3.5	93-22004	2423913-I
SNG	13	III	DARK GREY	23.01	25.78	29.29	4.0	3.5	93-22049	2427989-I
SNG	11/12	I, II & IV	DARK GREY	20.62	22.48	26.92	4.0	3.5	93-22003	2423911-I
SNG	11	III	DARK GREY	20.62	22.48	26.92	4.0	3.5	93-22045	2427985-I
SNG	9/10	I & II	DARK GREY	18.26	19.30	24.51	4.0	3.0	93-22002	2423909-I
SNG	9	III	DARK GREY	18.26	19.30	24.51	4.0	3.0	93-22041	2427981-I
SNG	8	II	DARK GREY	15.09	16.25	21.34	4.0	1.5	93-22001	2423908-I

MATERIAL	SHELL SIZE	SERIES	COLOUR	A±0.4	ØB±0.2	C±0.5	ØD±0.2	R±0.5	ALIAS PART NUMBER	PART NUMBER
THIS DRAWING IS A CONTROLLED DOCUMENT. CHG. BY: BASAVARAJA D A DATE: 25 JUL 2022 APVD. BY: B. SELVAPANDIAN DATE: 25 JUL 2022 D. HEMMING DATE: 25 JUL 2022				DWG. BY: BASAVARAJA D A DATE: 25 JUL 2022 APVD. BY: B. SELVAPANDIAN DATE: 25 JUL 2022 D. HEMMING DATE: 25 JUL 2022						
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED		0 PLC ±.1 1 PLC ±.1 2 PLC ±.1 3 PLC ±.1 4 PLC ±.1 ANGLES ±.1 FINISH -						
MATERIAL SEE TABLE		-		-		-		-		-
CUSTOMER DRAWING				SCALE 5:1		SHEET 1 OF 1		REV A		

93 CONNECTOR GASKETS
MIL-DTL-38999

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