MIL-DTL-26482 SERIES 2 MATRIX® (CONT.)

- Medium size, environmentally resistant connector
- Recommended operating voltage to 1,000 VAC (RMS) at sea level
- Quick positive coupling assured by 3 point bayonet coupling system
- Eliminates mismating by the use of five key/keyway design
- Sealing over a range of wire diameters is assured by a triple webbed grommet at the rear of the connector
- Visual confirmation of complete coupling
- Contacts are qualified to SAE AS39029 requirements
- Grommets are constructed of tear-resistant elastomer and experience no degradation when exposed to a broad range of fluids
- Closed entry socket side of the insert is designed with a lead-in chamfer and a hard face that will accept a pin contact bent within pre-established limits
- Elastomer interfacial seal on the pin side has raised barriers around each pin which displace into the socket chamfer when mated, providing a positive moisture seal

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Amphenol Part No.	Fig.	No. of Contacts	Shell Size & Insert	Contact Type	Price Each 1	5	10	25
Straight Plugs (Cont.)									
654-MS3476W14-19S	MS3476W14-19S	A	19	14-19	Socket	33.45	30.99	29.78	28.88
654-MS3476W-14-4P	MS3476W-14-4P	A	4	14-4	Pin	41.85	38.78	37.26	36.14
654-MS3476W14-4S	MS3476W14-4S	A	4	14-4	Socket	39.61	36.70	35.26	34.20
654-MS3476W14-5P	MS3476W14-5P	A	5	14-5	Pin	40.95	39.80	38.76	37.61
654-MS3476W14-5S	MS3476W14-5S	A	5	14-5	Socket	37.03	34.31	32.97	31.97
654-MS3476L16-26S	MS3476L16-26S	A	26	16-26	Socket	54.83	50.80	48.82	47.34
654-MS3476W16-26S	MS3476W16-26S	A	26	16-26	Socket	55.13	51.07	49.07	47.58
654-MS3476L18-8P	MS3476L18-8P	A	8	18-8	Pin	50.30	46.60	44.78	43.43
654-MS3476W18-32S	MS3476W18-32S	A	32	18-32	Socket	52.13	48.37	47.81	42.26
654-MS3476W18-8S	MS3476W18-8S	A	8	18-8	Socket	58.78	54.46	52.33	50.75
654-MS3476L20-41S	MS3476L20-41S	A	41	20-41	Socket	64.40	59.69	57.89	55.61
654-MS3476L22-41P	MS3476L22-41P	A	41	22-41	Pin	74.14	68.70	66.00	64.02
654-MS3476L22-55P	MS3476L22-55P	A	55	22-55	Pin	80.25	74.36	71.44	69.29
654-MS3476L22-55S	MS3476L22-55S	A	55	22-55	Socket	54.24	50.26	48.29	46.83
654-MS3476W22-55S	MS3476W22-55S	A	55	22-55	Socket	72.71	67.38	64.74	62.79
Straight Plug with RFI Grounding Fingers									
654-MS3475L10-6S	MS3475L10-6S	B	6	10-6	Socket	26.76	24.79	23.82	23.10
654-MS3475W10-6P	MS3475W10-6P	B	6	10-6	Pin	45.58	42.23	40.57	39.35
654-MS3475W10-6S	MS3475W10-6S	B	6	10-6	Socket	40.95	37.94	36.46	35.36
654-MS3475L12-10S	MS3475L12-10S	B	10	12-10	Socket	44.40	41.14	39.53	38.34
654-MS3475W12-10S	MS3475W12-10S	B	10	12-10	Socket	44.42	41.15	39.54	38.35
654-MS3475W12-3S	MS3475W12-3S	B	3	12-3	Socket	33.66	31.19	29.97	29.06
654-MS3475L14-19P	MS3475L14-19P	B	19	14-19	Pin	55.41	51.34	49.33	47.84
654-MS3475W14-19S	MS3475W14-19S	B	19	14-19	Socket	37.01	34.29	32.95	31.96
654-MS3475W14-4P	MS3475W14-4P	B	4	14-4	Pin	48.87	48.03	47.26	46.43
654-MS3475W14-5S	MS3475W14-5S	B	5	14-5	Socket	48.21	44.67	42.92	41.62
654-MS3475L20-41S	MS3475L20-41S	B	41	20-41	Socket	56.13	52.00	49.97	48.46
654-MS3475W20-41P	MS3475W20-41P	B	41	20-41	Pin	69.21	64.13	61.62	59.76

MIL-DTL-5015 SERIES MATRIX®

This series provides an alternative to the older MIL-DTL-5015 solder type. It bridges the gap between an old connector standard and the environmental and high performance needs of current technologies.

- Medium to heavy weight cylindrical
- MS345( ) series intermateable with existing MIL-DTL-5015 solder or crimp versions on existing equipment
- Captive coupling nut mechanism, utilizes retaining rings in combination with "L" washers to prevent inadvertent disassembly
- Multiple interlock systems ensure permanent insert retention
- Positive control of dielectric separation with guaranteed ease of contact insertion
- Positive contact retention provided by a closely toleranced damage-proof metal retention clip
- Completely sealed against environmental extremes with:
  - Individual contact seals
  - Interfacial seals between contacts
  - Peripheral gasket shell-to-shell seals
  - Redundant rear wire seals and insert-to-shell seals

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Amphenol Part No.	Fig.	No. of Contacts	Shell Size & Insert	Contact Type	Price Each 1	5	10	25
Wall Mount Receptacles									
654-MS3450W8S-1P	MS3450W8S-1P	C	1	8S-1	Pin	108.91	103.93	98.33	93.96
654-MS3450W10SL-4P	MS3450W10SL-4P	C	2	10SL-4	Pin	40.81	39.07	33.39	30.61
654-MS3450W12S-3P	MS3450W12S-3P	C	2	12S-3	Pin	49.02	46.93	40.11	36.76
654-MS3450KS10SL-3P	MS3450KS10SL-3P	C	2	12S-3	Pin	77.43	70.39	64.52	56.93
654-MS3450W16-10S	MS3450W16-10S	C	3	16-10	Socket	70.26	63.14	56.67	51.81
654-MS3450W18-1P	MS3450W18-1P	C	10	18-1	Pin	50.23	49.33	48.56	47.72
654-MS3450W20-27P	MS3450W20-27P	C	14	20-27	Pin	54.62	53.64	52.81	51.89
654-MS3450W20-27S	MS3450W20-27S	C	14	20-27	Socket	77.52	69.66	62.51	57.16
654-MS3450W22-14P	MS3450W22-14P	C	19	22-14	Pin	72.63	71.33	70.22	69.00
654-MS3450W22-22P	MS3450W22-22P	C	4	22-22	Pin	68.50	67.27	66.23	65.07
654-MS3450W22-2S	MS3450W22-2S	C	3	22-2	Socket	79.33	77.91	76.70	75.36
654-MS3450L24-11S	MS3450L24-11S	C	9	24-11	Socket	73.75	70.38	66.60	63.63
654-MS3450W24-10S	MS3450W24-10S	C	7	24-10	Socket	127.78	114.82	103.05	94.22
Box Mounting Receptacles									
654-MS3452W10SL-3P	MS3452W10SL-3P	D	3	10SL-3	Pin	60.46	57.89	49.47	45.34
654-MS3452W14S-7P	MS3452W14S-7P	D	3	14S-7	Pin	57.10	53.67	49.96	35.68
654-MS3452W16-10P	MS3452W16-10P	D	3	16-10	Pin	55.50	54.50	53.65	52.71
654-MS3452W18-1P	MS3452W18-1P	D	10	18-1	Pin	55.07	54.08	53.25	52.32
654-MS3452W20-22P	MS3452W20-22P	D	6	20-22	Pin	63.02	61.89	60.93	59.87
654-MS3452L24-10S	MS3452L24-10S	D	7	24-10	Socket	106.29	102.37	98.02	91.53
Straight Plugs									
654-MS3456W8S-1S	MS3456W8S-1S	E	1	8S-1	Socket	76.55	73.13	69.21	66.12
654-MS3456W10SL-3S	MS3456W10SL-3S	E	3	10SL-3	Socket	41.92	40.00	37.86	36.17
654-MS3456W14S-7S	MS3456W14S-7S	E	3	14S-7	Socket	54.18	53.20	52.38	51.47
654-MS3456W16-10P	MS3456W16-10P	E	3	16-10	Pin	50.05	48.06	44.96	41.52
654-MS3456W16-10S	MS3456W16-10S	E	3	16-10	Socket	68.17	65.40	62.11	54.81
654-MS3456W20-22S	MS3456W20-22S	E	6	20-22	Socket	106.36	103.68	96.91	85.51
654-MS3456W20-27P	MS3456W20-27P	E	14	20-27	Pin	64.23	61.91	58.52	51.64
654-MS3456W20-27S	MS3456W20-27S	E	14	20-27	Socket	74.23	71.25	67.63	59.68
654-MS3456W22-14S	MS3456W22-14S	E	19	22-14	Socket	81.77	77.27	74.50	65.74
654-MS3456W22-22S	MS3456W22-22S	E	4	22-22	Socket	82.79	79.99	75.43	66.56
654-MS3456W22-2P	MS3456W22-2P	E	3	22-2	Pin	85.32	81.66	77.73	68.60
654-MS3456W24-10P	MS3456W24-10P	E	7	24-10	Pin	77.81	74.69	70.90	62.56
Straight Plugs with Self-Locking Coupling Nut									
654-MS3459W10SL-4S	MS3459W10SL-4S	F	2	10SL-4	Socket	36.25	33.59	32.27	31.30
654-MS3459KS10SL-3S	MS3459KS10SL-3S	F	3	10SL-3	Socket	83.81	80.00	75.73	72.37
654-MS3459W10SL-3S	MS3459W10SL-3S	F	3	10SL-3	Socket	35.80	33.17	31.87	30.91
654-MS3459W12S-3S	MS3459W12S-3S	F	2	12S-3	Socket	35.02	32.45	31.18	30.24
654-MS3459W14S-2S	MS3459W14S-2S	F	4	14S-2	Socket	85.26	79.00	75.91	73.61
654-MS3459W18-1S	MS3459W18-1S	F	10	18-1	Socket	101.53	94.06	90.37	87.64
654-MS3459L24-10P	MS3459L24-10P	F	7	24-10	Pin	100.10	96.24	91.21	80.48
654-MS3459L24-11P	MS3459L24-11P	F	9	24-11	Pin	123.26	113.20	104.40	96.85

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