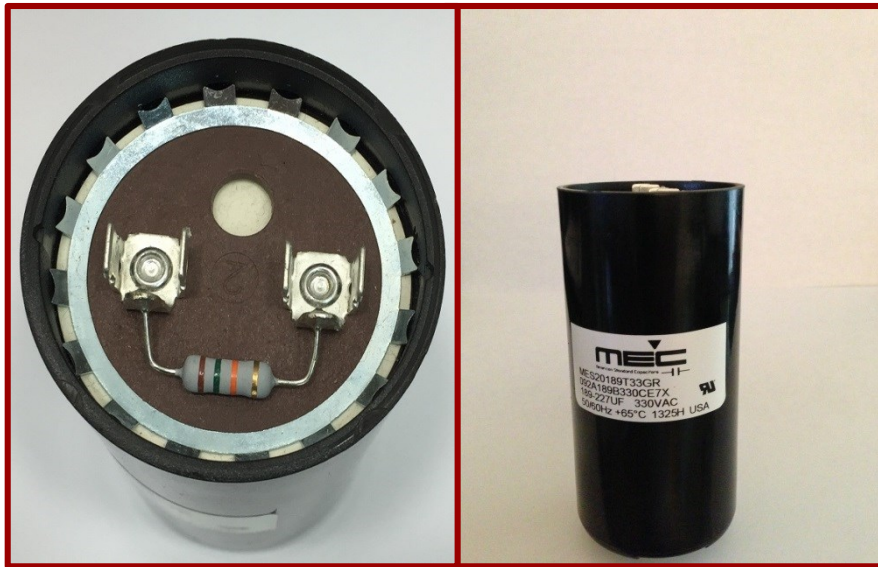


AC Motor Start Capacitors



High Performance for Today's HVAC Industry



www.gmcorps.com

AC Motor Start Capacitors

Corporate

MECSTARTS, a subsidiary of GMCORPS is a leading manufacturer of motor start capacitor located in the USA. We offer a full range of AC capacitors ranging from 21uF to 1536uF with a variety of voltages.. Our mission is to provide customers with achievable solutions related to product design and modifications to meet their customized applications, extend the highest quality of service at all times, while maintaining our price competitiveness.



Manufacturing

IS9001 certified manufacturing facility with documented work station instructions and performance measures throughout all segments of the manufacturing process.. Advanced automated technology platforms and readily available resources allows MECSTARTS to support the increasing demands. of motor start capacitors.

Technology

Mecstarts capacitors are non-polorized aluminum electrolytic capacitors design for intermittent AC duty .

Features

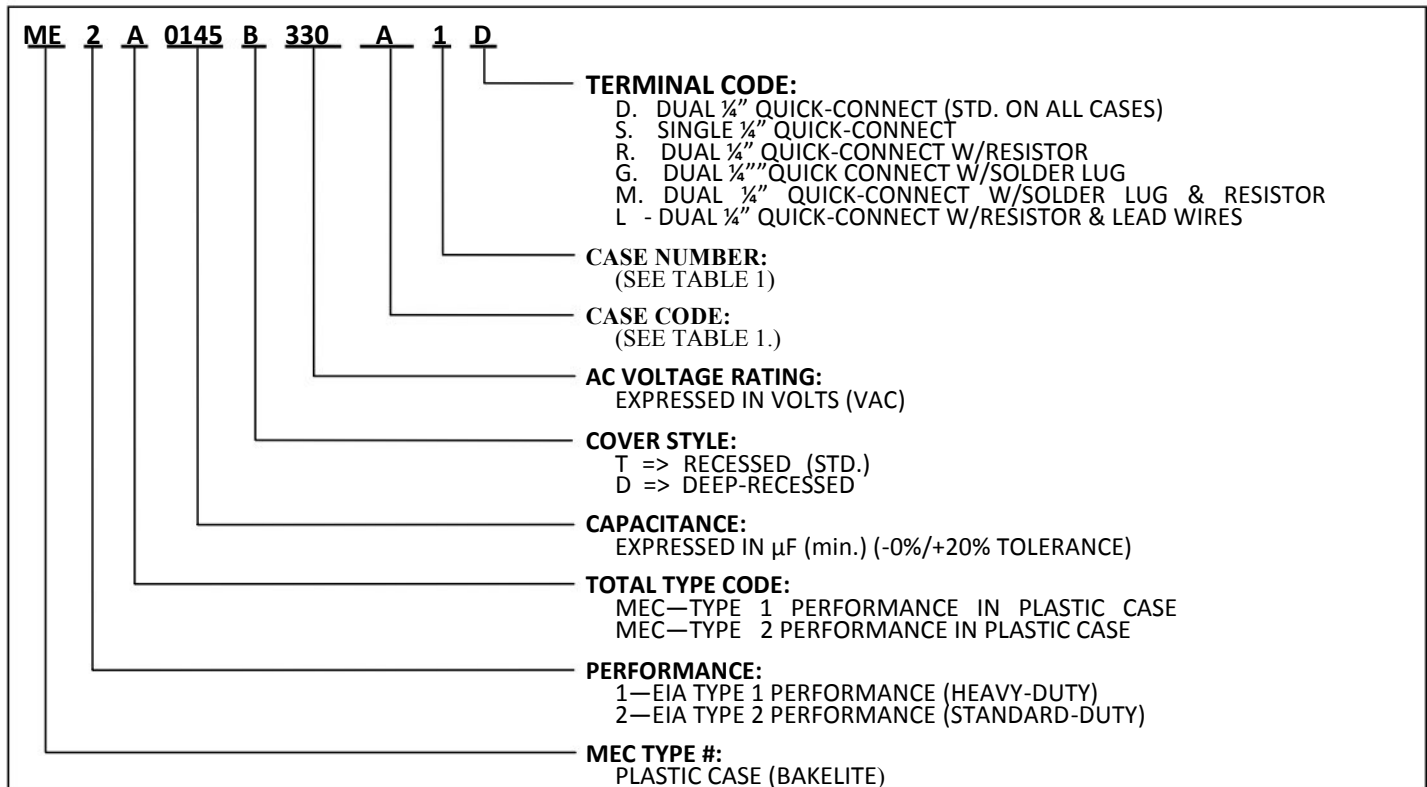
- Capacitors are housed in rugged plastic cases.
- Mounting Hardware, end caps and brackets are available
- Available with bleed resistors and lead wires
- Moisture and oil resistant
- Voltages from 110 VAC- 330 VAC
- ¼" Quick Disconnect Terminals (Std.)
- UL and EIA-463-A approved Capacitors

Application

Mecstarts capacitors are used in starting fractional horsepower motors , single phase electric motors, and gear motor applications



MECSTARTS NOMENLCATURE



DRAWINGS & DIMENSIONS

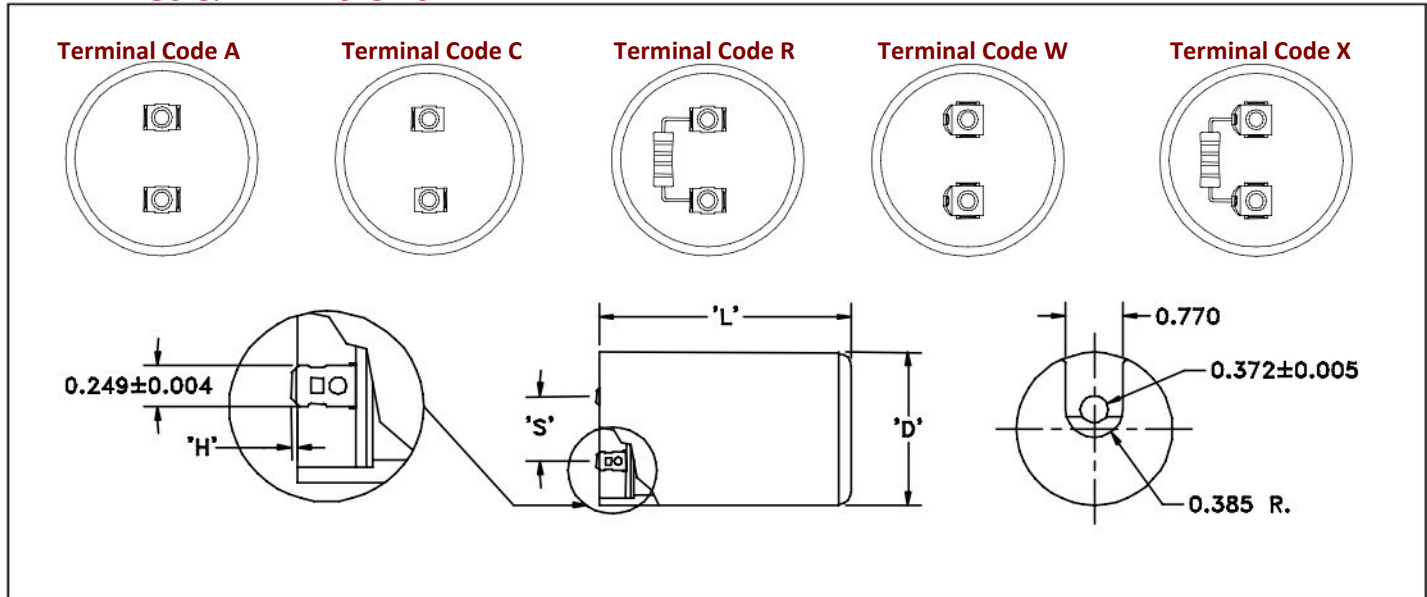


Table 1. CASE DIMENSIONS (inch)

CASE CODE	CASE NUMBER	'D' ± 0.020	'L' ± 0.020	'S'	'H'
A	1	1.437	2.750	0.500 nom	0.025 max
B	2	1.437	3.365	0.500 nom	0.025 max
C	3	1.437	4.365	0.500 nom	0.025 max
D	4	1.812	3.365	0.625 nom	0.025 max
E	5	1.812	4.365	0.625 nom	0.025 max
F	6	2.062	3.365	0.875 nom	0.025 max
G	7	2.062	4.365	0.875 nom	0.025 max
H	8	2.562	4.365	0.875 nom	0.025 max

STANDARD CAPACITORS— EIA TYPE 1

Capacitance (μF)		Part Number	Case Code	Optional Case Code (s)
min.	max.			
110 VOLTS AC				
21	25	ME1A021T110A1D	1	-
25	30	ME1A025T110A1D	1	-
30	36	ME1A030T110A1D	1	-
36	43	ME1A036T110A1D	1	-
43	52	ME1A043T110A1D	1	-
47	56	ME1A047T110A1D	1	-
53	64	ME1A053T110A1D	1	-
64	77	ME1A064T110A1D	1	-
72	86	ME1A072T110A1D	1	-
88	106	ME1A088T110A1D	1	-
108	130	ME1A108T110A1D	1	-
124	149	ME1A124T110A1D	1	-
130	156	ME1A130B110A1D	1	-
145	174	ME1A145T110A1D	1	-
161	193	ME1A161T110A1D	1	-
189	227	ME1A189T110B2D	2	-
216	259	ME1A216T110B2D	2	-
233	280	ME1A233T110B2D	2	-
243	292	ME1A243T110D4D	4	2,3
270	324	ME1A270T110D4D	4	2,3
324	389	ME1A324T110D4D	4	3
340	408	ME1A340T110D4D	4	3
378	454	ME1A378T110D4D	4	-
400	480	ME1A400T110D4D	4	-
430	516	ME1A430T110D4D	4	-
460	552	ME1A460T110D4D	4	-
540	648	ME1A540T110G7D	7	4,5,6
590	708	ME1A590T110G7D	7	-
645	774	ME1A645T110G7D	7	-
708	850	ME1A708T110H8D	8	7
815	978	ME1A815T110H8D	8	-
125 VOLTS AC				
21	25	ME1A021T125A1D	1	-
25	30	ME1A025T125A1D	1	-
30	36	ME1A030T125A1D	1	-
36	43	ME1A036T125A1D	1	-
43	52	ME1A043T125A1D	1	-
47	56	ME1A047T125A1D	1	-
53	64	ME1A053T125A1D	1	-
64	77	ME1A064T125A1D	1	-
72	86	ME1A072T125A1D	1	-
88	106	ME1A088T125A1D	1	-
108	130	ME1A108T125A1D	1	-
124	149	ME1A124T125A1D	1	-
130	156	ME1A130T125A1D	1	-
145	174	ME1A145T125B2D	2	-
161	193	ME1A161T125B2D	2	-
189	227	ME1A189T125B2D	2	1
216	259	ME1A216T125D4D	4	2,3
233	280	ME1A233T125D4D	4	2,3
243	292	ME1A243T125D4D	4	2,3
270	324	ME1A270T125D4D	4	2,3
324	389	ME1A324T125E5D	5	-

STANDARD CAPACITORS—EIA TYPE 1

Capacitance (μF)		Part Number	Case	Optional
min.	max.		Code	Case Code (s)
125 VOLTS AC (CONTINUED)				
340	408	ME1A340T125E5D	5	4
378	454	ME1A378T125E5D	5	4
400	480	ME1A400T125E5D	5	4
430	516	ME1A430T125G7D	7	4,5,6
460	552	ME1A460T125G7D	7	4,5,6
540	648	ME1A540T125H8D	8	4,5,6,7
645	774	ME1A645T125H8D	8	7
165 VOLTS AC				
21	25	ME1A021T165A1D	1	-
25	30	ME1A025T165A1D	1	-
30	36	ME1A030T165A1D	1	-
36	43	ME1A036T165A1D	1	-
43	52	ME1A043T165A1D	1	-
47	56	ME1A047T165A1D	1	-
53	64	ME1A053T165A1D	1	-
64	77	ME1A064T165A1D	1	-
72	86	ME1A072T165A1D	1	-
88	106	ME1A088T165B2D	2	1
108	130	ME1A108T165B2D	2	-
124	149	ME1A124T165D4D	4	3
130	156	ME1A130T165D4D	4	3
145	174	ME1A145T165D4D	4	3
161	193	ME1A161T165D4D	4	-
189	227	ME1A189T165D4D	4	-
216	259	ME1A216T165E5D	5	-
233	280	ME1A233T16BE5D	5	-
243	292	ME1A243T165E5D	5	-
270	324	ME1A270T165E5D	5	-
324	389	ME1A324T165E5D	5	-
340	408	ME1A340T165G7D	7	-
378	454	ME1A378T165H8D	8	-
400	480	ME1A400T165H8D	8	-
220 VOLTS AC				
21	25	ME1A021T220A1D	1	-
25	30	ME1A025T220A1D	1	-
30	36	ME1A030T220A1D	1	-
36	43	ME1A036T220B2D	2	1
43	52	ME1A043T220B2D	2	1
47	56	ME1A047T220B2D	2	1
53	64	ME1A053T220D4D	4	2,3
64	77	ME1A064T220D4D	4	2,3
72	86	ME1A072T220D4D	4	3
88	106	ME1A088T220D4D	4	-
108	130	ME1A108T220E5D	5	-
124	149	ME1A124T220E5D	5	-
130	156	ME1A130T220E5D	5	-
145	174	ME1A145T220G7D	7	-
161	193	ME1A161T220H8D	8	7
189	227	ME1A189T220H8D	8	7
216	259	ME1A216T220H8D	8	-
233	280	ME1A233T220H8D	8	-
243	292	ME1A243T220H8D	8	-
270	324	ME1A270T220H8D	8	-

STANDARD CAPACITORS— EIA TYPE 1

Capacitance (μF)		Part Number	Case Code	Optional Case Code (s)
min.	max.			
250 VOLTS AC				
21	25	ME1A021T250A1D	1	-
25	30	ME1A025T250A1D	1	-
30	36	ME1A030T250B2D	2	1
36	43	ME1A036T250B2D	2	1
43	52	ME1A043T250D4D	4	1,2,3
47	56	ME1A047T250D4D	4	2,3
53	64	ME1A053T250D4A	4	2,3
64	77	ME1A064T250D4D	4	-
72	86	ME1A072T250D4D	4	-
88	106	ME1A088T250E5D	5	4
108	130	ME1A108T250E5D	5	4
124	149	ME1A124T250G7D	7	4,5,6
130	156	ME1A130T250H8D	8	5,6,7
145	174	ME1A145T250H8D	8	6,7
161	193	ME1A161T250H8D	8	7
189	227	ME1A189T250H8D	8	7
216	259	ME1A216T250H8D	8	7
233	280	ME1A233T250H8D	8	7
270	324	ME1A270T250H8D	8	7
330 VOLTS AC				
21	25	ME1A021T330B2D	2	-
25	30	ME1A025T330B2D	2	-
30	36	ME1A030T330D4D	4	3
36	43	ME1A036T330D4D	4	2,3
43	52	ME1A043T330D4D	4	-
47	56	ME1A047T330D4D	4	-
53	64	ME1A053T330E5D	5	4
64	77	ME1A064T330E5D	5	-
72	86	ME1A072T330E5D	5	-
88	106	ME1A088T330G7D	7	-
108	130	ME1A108T330H8D	8	7
124	149	ME1A124T330H8D	8	7
130	156	ME1A130T330H8D	8	7
145	174	ME1A145T330H8D	8	7
161	193	ME1A161T330H8D	8	7
189	227	ME1A189T330H8D	8	7

STANDARD CAPACITORS—EIA TYPE 2

Capacitance (μF)		Part Number	Case Code	Optional Case Code (s)
min.	max.			
110 VOLTS AC				
21	25	ME2A021T110A1D	1	-
25	30	ME2A025T110A1D	1	-
30	36	ME2A030T110A1D	1	-
36	43	ME2A036T110A1D	1	-
43	52	ME2A043T110A1D	1	-
47	56	ME2A047T110A1D	1	-
53	64	ME2A053T110A1D	1	-
64	77	ME2A064T110A1D	1	-
72	86	ME2A072T110A1D	1	-
88	106	ME2A088T110A1D	1	-
108	130	ME2A108T110A1D	1	-
124	149	ME2A124T110A1D	1	-
130	156	ME2A130T110A1D	1	-
145	174	ME2A145T110A1D	1	-
161	193	ME2A161T110A1D	1	-
189	227	ME2A189T110A1D	1	-
216	259	ME2A216T110A1D	2	-
233	280	ME2A233T110B2D	2	-
243	292	ME2A243T110B2D	2	-
270	324	ME2A270T110B2D	2	-
324	389	ME2A324T110D4D	4	2,3
340	408	ME2A340T110D4D	4	3
378	454	ME2A378T110D4D	4	3
400	480	ME2A400T110D4D	4	-
430	516	ME2A430T110D4D	4	-
460	552	ME2A460T110D4D	4	3
540	648	ME2A540T110E5D	5	-
590	708	ME2A590T110E5D	5	-
645	774	ME2A645T110G7D	7	-
708	850	ME2A708T110G7D	7	5,6
720	864	ME2A720T110G7D	7	-
800	960	ME2A800T110G7D	7	-
815	978	ME2A815T110G7D	7	5,6
829	995	ME2A829T110G7D	7	-
850	1020	ME2A850T110H8D	8	7
1000	1200	ME2A1000T110H8D	8	-
1020	1224	ME2A1020T110H8D	8	7
1175	1410	ME2A1175T110H8D	8	7
1280	1536	ME2A1280T110H8D	8	-
125 VOLTS AC				
21	25	ME2A021T125A1D	1	-
25	30	ME2A025T125A1D	1	-
30	36	ME2A030T125A1D	1	-
36	43	ME2A036T125A1D	1	-
43	52	ME2A043T125A1D	1	-
47	56	ME2A047T125A1D	1	-
53	64	ME2A053T125A1D	1	-
64	77	ME2A064T125A1D	1	-
72	86	ME2A072T125A1D	1	-
88	106	ME2A088T125A1D	1	-
108	130	ME2A108T125A1D	1	-
124	149	ME2A124T125A1D	1	-

STANDARD CAPACITORS EIA TYPE 2

Capacitance (μF)		Part Number	Case	Optional
min.	max.		Code	Case Code (s)
125 VOLTS AC (CONTINUED)				
130	156	ME2A130T125A1D	1	-
145	174	ME2A145T125A1D	1	-
161	193	ME2A161T125A1D	1	-
189	227	ME2A189T125B2D	2	-
216	259	ME2A216T125B2D	2	-
233	280	ME2A233T125B2D	2	-
243	292	ME2A243T125B2D	2	3
270	324	ME2A270T125B2D	2	3
324	389	ME2A324T125D4D	4	3
340	408	ME2A340T125D4A	4	3
378	454	ME2A378T125D4D	4	3
400	480	ME2A400T125D4D	4	3
430	516	ME2A430T125D4D	4	3
460	552	ME2A460T125D4D	4	3
540	648	ME2A540T125E5D	5	4
590	708	ME2A590T125G7D	7	5,6
645	774	ME2A645T125G7D	7	-
708	850	ME2A708T125G7D	7	5,6
720	864	ME2A720T125G7D	7	-
800	960	ME2A800T125G7D	7	-
815	978	ME2A815T125G7D	7	-
829	995	ME2A829T125H8D	8	-
850	1020	ME2A850T125H8D	8	-
1000	1200	ME2A1000T125H8D	8	-
1020	1224	ME2A1020T125H8D	8	7
1175	1410	ME2A1175T125H8D	8	7
165 VOLTS AC				
21	25	ME2A021T165A1D	1	-
25	30	ME2A025T165A1D	1	-
30	36	ME2A030T165A1D	1	-
36	43	ME2A036T165A1D	1	-
43	52	ME2A043T165A1D	1	-
47	56	ME2A047T165A1D	1	-
53	64	ME2A053T165A1D	1	-
64	77	ME2A064T165A1D	1	-
72	86	ME2A072T165A1D	1	-
88	106	ME2A088T165A1D	1	-
108	130	ME2A108T165B2D	2	-
124	149	ME2A124T165B2D	2	-
130	156	ME2A130T165D4D	4	2,3
145	174	ME2A145T165D4D	4	2,3
161	193	ME2A161T165D4D	4	2,3
189	227	ME2A189T165D4D	4	2,3
216	259	ME2A216T165D4D	4	3
233	280	ME2A233T165E5D	5	3,4
243	292	ME2A243T165E5D	5	3,4
270	324	ME2A270T165E5D	5	3,4
324	389	ME2A324T165E5D	5	4
340	408	ME2A340T165G7D	7	5,6
378	454	ME2A378T165G7D	7	5,6
400	480	ME2A400T165H8D	8	5,6,7
460	552	ME2A460T165H8D	8	5,6,7
540	648	ME2A540T165H8D	8	7

STANDARD CAPACITORS - EIA TYPE 2

Capacitance (μF)		Part Number	Case	Optional
min.	max.		Code	Case Code (s)
165 VOLTS AC (CONTINUED)				
590	708	ME2A590T165H8D	8	7
645	774	ME2A645T165H8D	8	-
708	850	ME2A708T165H8D	8	7
720	864	ME2A720T165H8D	8	-
800	960	ME2A800T165H8D	8	-
815	978	ME2A815T165H8D	8	-
829	995	ME2A829T165H8D	8	-
850	1020	ME2A850T165H8D	8	-
220 VOLTS AC				
21	25	ME2A021T220A1D	1	-
25	30	ME2A025T220A1D	1	-
30	36	ME2A030T220A1D	1	-
36	43	ME2A036T220A1D	1	-
43	52	ME2A043T220C2D	2	-
47	56	ME2A047T220C2D	2	-
53	64	ME2A053T220C2D	2	-
64	77	ME2A064T220D4D	4	2,3
72	86	ME2A072T220D4D	4	3
88	106	ME2A088T220D4D	4	3
108	130	ME2A108T220D4D	4	-
124	149	ME2A124T220E5D	5	-
130	156	ME2A130T220E5D	5	-
145	174	ME2A145T220G7D	7	5,6
161	193	ME2A161T220G7D	7	5,6
189	227	ME2A189T220G7D	7	-
216	259	ME2A216T220H8D	8	7
233	280	ME2A233T220H8D	8	7
243	292	ME2A243T220H8D	8	7
270	324	ME2A270T220H8D	8	7
324	389	ME2A324T220H8D	8	7
340	408	ME2A340T220H8D	8	-
378	454	ME2A378T220H8D	8	-
400	480	ME2A400T220H8D	8	-
430	516	ME2A430T220H8D	8	-
250 VOLTS AC				
21	25	ME2A021T250A1D	1	-
25	30	ME2A025T250A1D	1	-
30	36	ME2A030T250B2D	2	-
36	43	ME2A036T250B2D	2	-
43	52	ME2A043T250B2D	2	-
47	56	ME2A047T250B2D	2	-
53	64	ME2A053T250D4D	4	2,3
64	77	ME2A064T250D4D	4	2,3
72	86	ME2A072T250D4D	4	3
88	106	ME2A088T250E5D	5	3,4
108	130	ME2A108T250E5D	5	-
124	149	ME2A124T250E5D	5	-
130	156	ME2A130T250E5D	5	-
145	174	ME2A145T250G7D	7	-
161	193	ME2A161T250G7D	7	-
189	227	ME2A189T250H8D	8	-
216	259	ME2A216T250H8D	8	-
233	280	ME2A233T250H8D	8	-

MOUNTING ACCESSORIES

TERMINALS



Type 'A'
Dual QC



Type 'C'
Single QC



Type 'X'
Dual QC
w/Solder Lug



Type 'W'
w/Female QC



Type 'W'
#18ga. Insulated,
Stranded Copper Wire
[Standard: 12-14" length with 1/2" stripped
Ends (other length's available.)]

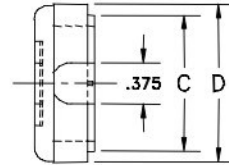
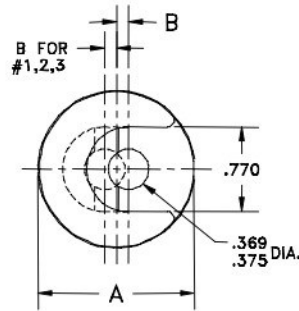
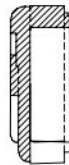
END CAPS



Standard

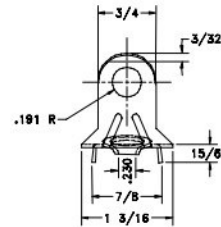
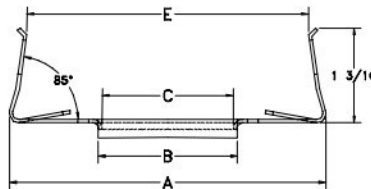
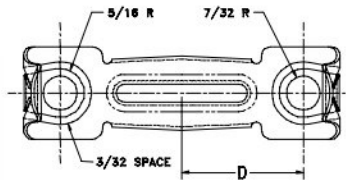


Type 'A'



Case #	P/N	Dia.	'A'±0.010	'B'±0.003	'C'±0.005	'D'±0.003
1,2,3	670400 0074	17/16	1.437	0.080	1.093	1.241
4&5	670400 0075	1 13/16	1.812	0.110	1.468	1.611
6&7	670400 0076	2 1/16	2.062	0.235	1.718	1.866
8	670400 0102C	2 9/16	2.562	0.485	2.218	2.366

BRACKET



Case #	P/N	'A'	'B'	'C'	'D'	'E'
1	670036 0941	3.375	1.171	1.062	1.258	3.015
2,4,6	670036 0943	4.050	1.812	1.703	1.578	3.656
3,5,7,8	670036 0944	5.050	2.718	2.000	2.078	4.656

All dimensions ±0.015".

Material I—0.042" Spring Steel.
Finish—Black Parkerize.

GMCORPS TERMS & CONDITIONS

Terms of Sale -

- Terms of sale are subject to the terms and conditions set forth prior to initial order and as stipulated in the order acknowledgment.

Payment Terms -

- All payment terms are negotiated at time of proposal. A credit application must be completed and approved for open terms. For international customers, terms will be Irrevocable Letter of credit or pre-payment. Major credit cards are accepted.

Cancellation policy -

- Orders must be cancelled 3 weeks prior to the scheduled delivery date stipulated in the order acknowledgment. Failure to comply will result in a re-stocking penalty of 25% of order value.

Freight Cost -

- Freight cost will be the responsibility of the customer. GMCORPS will select the freight carrier and forwarder unless otherwise specified by the customer.

Return Policy -

- All returns for warranty replacement or credit will not be accepted without an RAN (Return Authorization Number). Please contact GMCORPS customer service to obtain the RAN#. Material received without an RAN number will be returned back to the customer at the customer's expense.

Warranty -

- One year manufacturing warranty

Samples policy -

- 4 samples or less will be made available at no charge. Quantity exceeding 4 units must be treated as a regular order. Customer is responsible for freight charges related to samples.