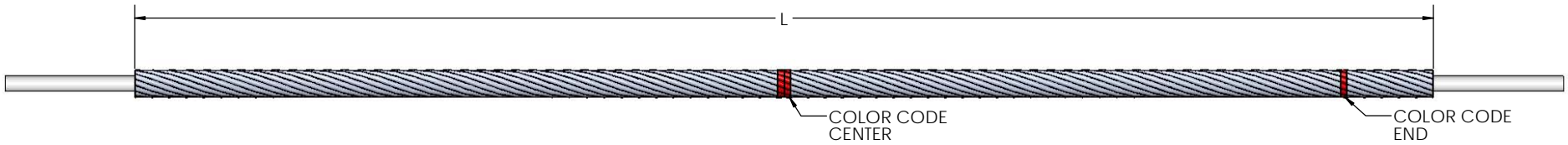


PAPER SIZE		DRAWING NUMBER	
B		2400-242	
REV	REVISED BY	REVISION DATE	ECO #
A	SRA	04-25-2014	11264



MPS F# SINGLE	MPS CATALOG# SINGLE	CONDUCTOR RANGE MIN	CONDUCTOR RANGE MAX	NOMINAL CONDUCTOR	ROD DIA. INCH	ROD DIA. MM	NO. OF RODS	APPLIED LENGTH SINGLE	CARTON COUNT SINGLE	UNIT WEIGHT LBS. SINGLE	COLOR CODE	MPS F# DOUBLE	MPS CATALOG# DOUBLE	APPLIED LENGTH DOUBLE	CARTON COUNT DOUBLE	UNIT WEIGHT LBS. DOUBLE
F104609	LG-A0122	0.182	0.193	#6 AAC	0.102	2.59	7	17	100	0.095	Purple	F104637	LG-A0305	29	100	0.16
F104610	LG-A0123	0.194	0.207	#6 ACSR, AAAC	0.102	2.59	7	17	100	0.095	Blue	F104638	LG-A0306	29	100	0.16
F104611	LG-A0125	0.220	0.228	#5 ACSR, AAAC	0.116	2.95	7	17	100	0.123	White	F104639	LG-A0308	29	100	0.21
F104612	LG-A0126	0.229	0.243	#4 AAC	0.116	2.95	8	19	100	0.156	Brown	F104640	LG-A0309	31	100	0.26
F103077	LG-A0127	0.244	0.259	#4 ACSR, AAAC	0.116	2.95	8	19	100	0.157	Orange	F103083	LG-A0310	31	100	0.26
F104613	LG-A0128	0.260	0.273	#3 AAC	0.116	2.95	8	19	100	0.157	Green	F104641	LG-A0311	31	100	0.26
F104614	LG-A0129	0.274	0.289	#3 AAAC	0.116	2.95	9	21	100	0.196	Yellow	F104642	LG-A0312	33	100	0.31
F104615	LG-A0130	0.290	0.308	#2 AAC	0.116	2.95	9	21	100	0.200	Purple	F104643	LG-A0313	33	100	0.31
F103078	LG-A0131	0.309	0.326	#2 ACSR, AAAC	0.116	2.95	9	21	100	0.195	Red	F103084	LG-A0314	33	100	0.31
F104616	LG-A0132	0.327	0.346	#1 AAC	0.116	2.95	10	21	100	0.218	Blue	F104644	LG-A0315	33	100	0.34
F104617	LG-A0133	0.347	0.366	#1 ACSR, 1/0 ACSR Comp	0.116	2.95	10	23	100	0.270	Green	F104645	LG-A0316	35	100	0.36
F104618	LG-A0134	0.367	0.389	1/0 AAC	0.116	2.95	11	23	100	0.280	Black	F104646	LG-A0317	35	100	0.40
F103079	LG-A0135	0.390	0.413	1/0 ACSR, AAAC	0.116	2.95	11	25	100	0.284	Yellow	F103085	LG-A0318	37	100	0.42
F104619	LG-A0136	0.414	0.436	2/0 AAC	0.116	2.95	12	25	100	0.311	Brown	F104647	LG-A0319	37	50	0.46
F103080	LG-A0137	0.437	0.463	2/0 ACSR, AAAC	0.116	2.95	13	27	50	0.400	Blue	F103086	LG-A0320	39	50	0.52
F104620	LG-A0138	0.464	0.490	3/0 AAC	0.116	2.95	13	27	50	0.400	Green	F104648	LG-A0321	39	50	0.52
F103081	LG-A0139	0.491	0.521	3/0 ACSR, AAAC	0.116	2.95	14	29	50	0.420	Orange	F103087	LG-A0322	41	50	0.59
F104621	LG-A0140	0.522	0.551	4/0 AAC	0.116	2.95	14	29	50	0.420	Black	F104649	LG-A0323	41	50	0.59
F103082	LG-A0141	0.552	0.585	4/0 ACSR, AAAC	0.116	2.95	15	31	50	0.530	Red	F103088	LG-A0324	43	50	0.67
F104622	LG-A0142	0.586	0.606	266.8 AAC	0.144	3.65	14	31	50	0.700	Black	F104650	LG-A0325	43	50	0.95
F104623	LG-A0143	0.607	0.630	266.8 (18/1)	0.144	3.65	14	33	50	0.750	White	F104651	LG-A0326	45	40	1.00
F104624	LG-A0144	0.631	0.655	266.8 AAAC	0.144	3.65	14	33	50	0.750	Yellow	F104652	LG-A0327	45	40	1.00
F104625	LG-A0145	0.656	0.679	336.4 AAC	0.144	3.65	15	35	50	0.850	Brown	F104653	LG-A0328	47	40	1.12
F104626	LG-A0146	0.680	0.703	336.4 (18/1)	0.144	3.65	15	35	50	0.860	Blue	F104654	LG-A0329	47	40	1.12
F104627	LG-A0147	0.704	0.740	336.4 (26/7), AAAC	0.144	3.65	16	37	25	0.940	Green	F104655	LG-A0330	49	25	1.24
F104628	LG-A0148	0.741	0.792	397.5 ACSR	0.144	3.65	17	39	25	1.053	Orange	F104656	LG-A0331	51	25	1.37
F104629	LG-A0149	0.793	0.840	477 (18/1), AAC	0.144	3.65	18	39	25	1.065	Purple	F104657	LG-A0332	51	25	1.45
F104630	LG-A0150	0.841	0.898	477 (26/7)	0.144	3.65	19	41	25	1.238	Blue	F104658	LG-A0333	53	25	1.59
F104631	LG-A0151	0.899	0.954	636 (18/1)	0.160	4.06	18	43	25	1.530	Green	F104659	LG-A0334	55	20	1.94
F104632	LG-A0152	0.955	0.986	605 (26/7)	0.191	4.85	17	45	15	2.180	White	F104660	LG-A0335	57	15	2.71
F104633	LG-A0153	0.987	1.016	636 (26/7)	0.191	4.85	18	45	15	2.205	Yellow	F104661	LG-A0336	57	10	2.87
F104634	LG-A0154	1.017	1.064	795 AAC	0.191	4.85	18	47	15	2.280	Brown	F104662	LG-A0337	59	10	2.97
F104635	LG-A0155	1.065	1.098	795 (54/7)	0.204	5.18	17	49	10	2.770	Green	F104663	LG-A0338	61	10	3.30
F104636	LG-A0156	1.099	1.153	795 (26/7)	0.250	6.35	15	49	10	3.520	Orange	F104664	LG-A0339	61	10	4.38

- NOTES:
- END CONDITIONS:
CHAMFERED FOR DIAMETERS .102 TO .160 INCH
BALL FOR DIAMETERS .191 INCH AND LARGER
 - DIAMETER TOLERANCE
±0.006 INCH FOR NOMINAL DIAMETERS UP TO .249 INCH
 - LENGTH TOLERANCE
± 0.197 INCH
 - LAY DIRECTION: RIGHT HAND LAY
 - COLOR CODE: TO BE APPLIED AT THE CENTER OF THE ROD SET AND AT ONE END
 - AFTER INSTALLATION, ROD ENDS SHALL BE WITHIN .750 INCH (19MM) OF EACHOTHER
 - AFTER INSTALLATION, ASSEMBLED RODS SHALL NOT BRIDGE OVER EACHOTHER
 - MATERIAL CERTIFICATION MUST SHOW: 6061 ALUMINUM ALLOY AND A MINIMUM CONDUCTIVITY OF 40% IACS AT 20°C
 - PRODUCT IDENTIFICATION TAG MUST BE ATTACHED TO THE PRODUCT
 - CARTON LABEL PER SPECIFICATION ES-3249
 - PRODUCT IDENTIFICATION LABEL PER SPECIFICATION ES-3263
 - LINE GUARD SETS SHALL BE TAPED TOGETHER.

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UNLESS OTHERWISE SPECIFIED	
DIMENSIONS ARE IN:	
INCHES	
TOLERANCES ARE:	
XX	+/- .XX
XXX	+/- .XXX
X/XX	+/- X/XX
ANGLES	+/- .XXX

MACLEAN POWER SYSTEMS
11411 ADDISON STREET, FRANKLIN PARK, IL 60131
TEL: (847) 455-0014 FAX: (847) 455-0029

DRAWING NUMBER:		2400-242		DO NOT SCALE DRAWING	
SHEET NAME:		Sheet1		CAD GENERATED DRAWING DO NOT MANUALLY UPDATE	
DRAWING DESCRIPTION:		ALUMINUM LINE GUARDS FOR AAC, AAAC, AND ACSR CONDUCTORS		DO NOT MANUALLY UPDATE	
DRAWING DATE:		04-16-14		DESIGN DATE: 04-16-14	
DRAWN BY:		SRA		ENGINEER: RJK	
APPROVED:		MG			
DRAWING SCALE:					