

NAVISTAR, INC.

Material, Parts, and Process Specifications (MPAPS)

NUMBER:

MPAPS S-R-5.103-PP

Former Designation: **ESP-R-5.103-PP**

TITLE: **Fuse Connector Assemblies - Approved Parts
(Noun Code - 3660)**

CURRENT REV No.:

1506

DATE:

June 2015

WRITTEN/EDITED BY:

Materials Engineering

APPROVED BY:

Materials Engineering

SUPERSEDES:

ESP-R-5.103-PP - August 2014

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This specification may involve hazardous materials, equipment, and procedures. This specification does not purport to address all of the safety issues associated with its use. The user is responsible to consult appropriate safety and health practices and to determine the applicability of regulatory limits prior to use.

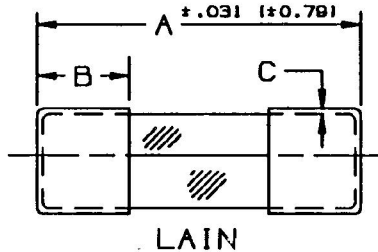
Change Notice: Changed to New MPAPS format.

1.0 PART LIST:

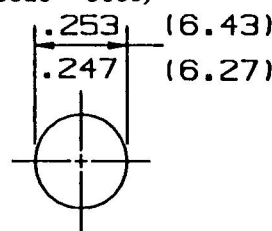
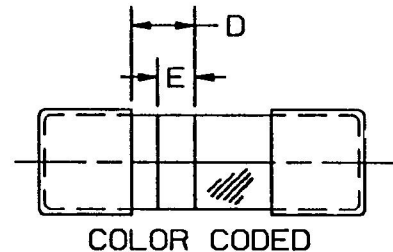
1.1 Approved:

FUSE CONNECTOR ASSEMBLIES

(Noun Code - 3660)



PLAIN



COLOR CODED

TYPE	Alternate TYPE Designator	Amps	Rated Voltage Max	A Length Basic		B Cap Length				C Cap Thickness		D Cap to Edge of Strip Ref		E Stripe Width * Min		Color of stripe	International Part Number	
				In	mm	In	mm	In	mm	In	mm	In	mm	In	mm		Plain	Color Coded
SFE		9	32	.875	22.23	.27	6.86	.24	6.1	.008	0.2	.17	4.3	.10	2.5	Orange	147684	
SFE	---	14	32	1.062	26.99	.27	6.86	.24	6.1	.008	0.2	.17	4.3	.10	2.5	Black	147685	
SFE	---	20	32	1.25	31.75	.27	6.86	.24	6.1	.008	0.2	.17	4.3	.10	2.5	Yellow		
SFE	---	30	32	1.438	36.51	.405	10.29	.375	9.52	.015	0.38	-	-	-	-			
1AG	AGA	1	32	.625	15.88	.255	6.48	.225	5.72	.008	0.2	.07	1.8	.03	0.8	Dk Green		
1AG	AGA	1-1/2	32	.625	15.88	.255	6.48	.225	5.72	.008	0.2	.07	1.8	.03	0.8	Dk Blue		
1AG	AGA	2	32	.625	15.88	.255	6.48	.225	5.72	.008	0.2	.07	1.8	.03	0.8	Gray		
1AG	AGA	3	32	.625	15.88	.255	6.48	.225	5.72	.008	0.2	.07	1.8	.03	0.8	Violet		
1AG	AGA	5	32	.625	15.88	.255	6.48	.225	5.72	.008	0.2	.07	1.8	.03	0.8	Tan		
1AG	AGA	6	32	.625	15.88	.255	6.48	.225	5.72	.008	0.2	.07	1.8	.03	0.8	Gold		
1AG	AGA	10	32	.625	15.88	.255	6.48	.225	5.72	.008	0.2	.07	1.8	.03	0.8	Red		
1AG	AGA	20	32	.625	15.88	.255	6.48	.225	5.72	.008	0.2	-	-	-	-	Yellow		
1AG	AGA	30	32	.625	15.88	.255	6.48	.225	5.72	.008	0.2	.07	1.8	.03	0.8	Lt Green		
3AG	AGC	1/4	250	1.25	31.75	.27	6.86	.24	6.1	.008	0.2	-	-	-	-			

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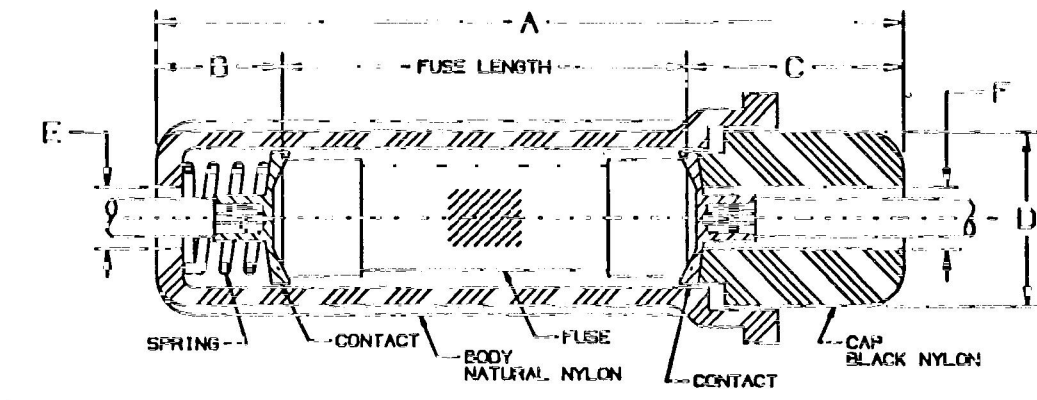
JUNE 2015

NUMBER: MPAPS S-R-5.103-PP	TITLE: Fuse Connector Assemblies	REVISION: 1506
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TYPE	Alternate TYPE Designation	Amp -eres	Rate d Volt- age Max	A		B				C		D		E		Color of stripe	International Part Number	
				Length Basic		Cap Length				Thickness		Cap to Edge of Strip Ref		Stripe Width * Min				Plain
				In	mm	In	mm	in	mm	In	mm	In	mm	In	mm			
3AG	AGC	1/2	250	1.25	31.75	.27	6.86	.24	6.1	.008	0.2	-	-	-	-			
3AG	AGC	1	250	1.25	31.75	.27	6.86	.24	6.1	.008	0.2	.17	4.3	.10	2.5	Dk Green		
3AG	AGC	1-1/2	250	1.25	31.75	.27	6.86	.24	6.1	.008	0.2	-	-	-	-			
3AG	AGC	2	250	1.25	31.75	.27	6.86	.24	6.1	.008	0.2	.17	4.3	.10	2.5	Gray		
3AG	AGC	2-1/2	250	1.25	31.75	.27	6.86	.24	6.1	.008	0.2	-	-	-	-	Purple		
3AG	AGC	3	250	1.25	31.75	.27	6.86	.24	6.1	.008	0.2	.17	4.3	.10	2.5	Violet		
3AG	AGC	4	32	1.25	31.75	.27	6.86	.24	6.1	.008	0.2	.17	4.3	.10	2.5	Pink		
3AG	AGC	15	32	1.25	31.75	.27	6.86	.24	6.1	.008	0.2	.17	4.3	.10	2.5	Lt Blue		9426333

For Fuses of .625 (15.88) nominal length, a .12 (3.2) minimum diameter spot may be used in lieu of stripe for color identification at the option of the manufacturer.

Fuse Length		A		B		C		D		E		F		Spring Part Numbers	
Inch	(mm)	Inch	(mm)	Inch	(mm)	Inch	(mm)	Inch	(mm)	Inch	(mm)	Inch	(mm)	International	Packard
.625	15.88	2.312	58.72	1.016	25.81	.672	17.07	.531	13.49	.192	4.88	.192	4.88		
.750	19.05	2.312	58.72	.891	22.63	.672	17.07	.531	13.49	.192	4.88	.192	4.88		
.875	22.23	2.312	58.72	.766	19.46	.672	17.07	.531	13.49	.192	4.88	.192	4.88	237622R1	5291295
1.062	26.97	2.312	58.72	.578	14.68	.672	17.07	.531	13.49	.192	4.88	.192	4.88	237623R1	5291317
1.250	31.75	2.312	58.72	.391	9.93	.672	17.07	.531	13.49	.192	4.88	.192	4.88	237624R1	5290790



Cable Gage	Contact Part Numbers	
	Navistar	Packard
16-18-20	237616R1	5295852
14	237617R1	5290793

REFER TO DRAWINGS FOR SPECIFICATIONS OF COMPONENT PARTS.

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JUNE 2015