

SUPPLEMENTAL INFORMATION SHEET FOR QPL SAE AS23190

QUALIFICATIONS HAVE BEEN VALIDATED
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BY VERIFICATION TESTING

QPL-23190-37
27 January 2023

SUPPLEMENTAL INFORMATION SHEET FOR QUALIFIED PRODUCTS LIST
OF
PRODUCTS QUALIFIED UNDER SAE AEROSPACE STANDARD
SAE AS23190
**STRAPS, CLAMPS, AND MOUNTING HARDWARE, PLASTIC
AND METAL FOR CABLE HARNESS TYING AND SUPPORT**

This list has been prepared for use by or for the Government in the acquisition of products covered by the subject non-Government standard and such listing of a product is not intended to and does not connote endorsement of the product by the Department of Defense. All products listed herein have been qualified under the requirements for the product as specified in the latest adopted issue of the applicable non-Government standard. This list is subject to change without notice; revision or amendment of this list will be issued as necessary. The listing of a product does not release the manufacturer from compliance with the non-Government standard requirements.

The activity responsible for this qualified products list and for qualification approval is the Naval Air Systems Command, AB43300, 48298 Shaw Rd., Building 1461, Patuxent River, Maryland 20670-1900. Manufacturer's full name, cage number, office and plant addresses are listed at the end of this QPL.

THIS DOCUMENT IS AN OFFICIAL SUPPLEMENTAL INFORMATION SHEET OF THE PRODUCTS TRANSFORMED TO AN EQUIVALENT QUALIFICATION DATA SET (QDS). USERS OF THIS DOCUMENT MUST VISIT THE QUALIFIED PRODUCTS DATABASE (QPD) TO VERIFY QUALIFICATION INFORMATION. PLEASE VISIT [HTTP://ASSIST.DAPS.DLA.MIL/ONLINE/START/](http://assist.daps.dla.mil/online/start/) TO ACCESS INFORMATION. YOU MUST HAVE A USERNAME AND PASSWORD TO ENTER SITE. ONCE LOGGED IN CHOOSE "QPD" FROM THE SIDE MENU. YOU CAN SEARCH BY QPL NUMBER, DOCUMENT NUMBER, GOVERNING SPEC, TITLE, FSC, GOVERNMENT DESIGNATION, NON-GOVERNMENT (NGS) DESIGNATION, MANUFACTURER DESIGNATION, OR SOURCE NAME.

TABLE OF CONTENTS

AS33671.....3
AS33681.....13
AS33391,.....15
AS33401, AS33411.....15
AS23190/116
AS23190/317
AS25281.....18
Manufacturer’s full name, Cage Code, Office and Plant addresses.....21

SPECIFICATION DESIGNATION	MANUFACTURER'S DESIGNATION	MANUFACTURER'S NAME AND QUALIFICATION TEST REFERENCE
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SAE AS33671, STRAP, TIEDOWN, ELECTRICAL COMPONENTS, ADJUSTABLE, SELF-CLINCHING, PLASTIC, TYPE 1, CLASS 1

MS3367-1-0	TY25MX-* or TY525MX-*	ABB Installation Products 02623001.AP/08-05-2022
MS3367-2-0	TY28MX-* or TY528MX-*	
MS3367-3-0	TY27MX-* or TY527MX-*	
MS3367-4-0	TY23MX-* or TY523MX-*	
MS3367-5-0	TY24MX-* or TY524MX-*	
MS3367-6-0	TY29MX-* or TY529MX-*	
MS3367-7-0	TY253MX-* or TY5253MX-*	

MS3367-1-*	TY25M-* or TY525M-*
MS3367-2-*	TY28M-* or TY528M-*
MS3367-3-*	TY27M-* or TY527M-*
MS3367-4-*	TY23M-* or TY523M-*
MS3367-5-*	TY24M-* or TY524M-*
MS3367-6-*	TY29M-* or TY529M-*
MS3367-7-*	TY253M-* or TY5253M-*

MS3367-12-0	TY53510MX-*	ABB Installation Products (3) 02623001.AP/08-05-2022
MS3367-15-0	TY54513MX-*	
MS3367-5-*	TY125-40* or TY24M-* or TY524M-*	
MS3367-6-*	TY29M-* or TY529M-*	
MS3367-7-*	TY300-50-* or TY235M-* or TY5253M-*	
MS3367-12-*	TY53510M-*	
MS3367-15-*	TY54513M-*	

MS3367-1-0	AP(R,L)-07-50-0	Advanced Cable Ties, Inc. 02628801.AJ/08-05-2022
MS3367-2-0	AP(R,L)-14-50-0	
MS3367-3-0	AP(R,L)-14-120-0	
MS3367-3-0	AP(R,L)-18-120-0	
MS3367-3-0	AP(R,L)-24-120-0	
MS3367-4-0	AP(R,L)-04-18-0	
MS3367-4-0	AP(R,L)-06-18-0	
MS3367-4-0	AP(R,L)-08-18-0	
MS3367-5-0	AP(R,L)-05-40-0	
MS3367-5-0	AP(R,L)-08-40-0	
MS3367-5-0	AP(R,L)-11-40-0	
MS3367-5-0	AP(R,L)-14-40-0	
MS3367-6-0	AP(R,L)-30-120-0	

SPECIFICATION DESIGNATION	MANUFACTURER'S DESIGNATION	MANUFACTURER'S NAME AND QUALIFICATION TEST REFERENCE
MS3367-6-0	AP(R,L)-36-120-0	Advanced Cable Ties, Inc.
MS3367-7-0	AP(R,L)-11-50-0	
MS3367-8-0	AP(R,L)-24-175-0	02628801.AJ/08-05-2022
MS3367-9-0	AP(R,L)-24-175-0	(continued)
MS3367-10-0	AP(R,L)-24-175-0	
MS3367-11-0	AP(R,L)-36-175-0	
MS3367-12-0	AP(R,L)-36-175-0	
MS3367-12-0	AP(R,L)-33-175-0	
MS3367-13-0	AP(R,L)-36-175-0	
MS3367-14-0	AP(R,L)-48-175-0	
MS3367-15-0	AP(R,L)-48-175-0	
MS3367-16-0	AP(R,L)-48-175-0	
MS3367-23-0	AP(R,L)-07-50-LP-0	
MS3367-24-0	AP(R,L)-14-50-LP-0	
MS3367-25-0	AP(R,L)-14-120-LP-0	
MS3367-29-0	AP(R,L)-11-50-LP-0	
MS3367-1-*	AP(R,L)-07-50-*	
MS3367-2-*	AP(R,L)-14-50-*	
MS3367-3-*	AP(R,L)-14-120-*	
MS3367-3-*	AP(R,L)-18-120-*	
MS3367-3-*	AP(R,L)-24-120-*	
MS3367-4-*	AP(R,L)-04-18-*	
MS3367-4-*	AP(R,L)-06-18-*	
MS3367-4-*	AP(R,L)-08-18-*	
MS3367-5-*	AP(R,L)-05-40-*	
MS3367-5-*	AP(R,L)-08-40-*	
MS3367-5-*	AP(R,L)-11-40-*	
MS3367-5-*	AP(R,L)-14-40-*	
MS3367-6-*	AP(R,L)-30-120-*	
MS3367-6-*	AP(R,L)-36-120-*	
MS3367-7-*	AP(R,L)-11-50-*	
MS3367-8-*	AP(R,L)-24-175-*	
MS3367-9-*	AP(R,L)-24-175-*	
MS3367-10-*	AP(R,L)-24-175-*	
MS3367-11-*	AP(R,L)-36-175-*	
MS3367-12-*	AP(R,L)-36-175-*	
MS3367-13-*	AP(R,L)-36-175-*	
MS3367-14-*	AP(R,L)-48-175-*	
MS3367-15-*	AP(R,L)-48-175-*	
MS3367-16-*	AP(R,L)-48-175-*	
MS3367-23-*	AP(R,L)-07-50-LP-*	
MS3367-24-*	AP(R,L)-14-50-LP-*	

QPL-23190-37

SPECIFICATION DESIGNATION	MANUFACTURER'S DESIGNATION	MANUFACTURER'S NAME AND QUALIFICATION TEST REFERENCE
MS3367-25-* MS3367-29-*	AP(R,L)-14-120-LP-* AP(R,L)-11-50-LP-*	Advanced Cable Ties, Inc. 02628801.AJ/08-05-2022
MS3367-1-11	AP(R,L)-07-50-30	(continued)
MS3367-2-11	AP(R,L)-14-50-30	
MS3367-3-11	AP(R,L)-14-120-30	
MS3367-3-11	AP(R,L)-18-120-30	
MS3367-3-11	AP(R,L)-24-120-30	
MS3367-4-11	AP(R,L)-04-18-30	
MS3367-4-11	AP(R,L)-06-18-30	
MS3367-4-11	AP(R,L)-08-18-30	
MS3367-5-11	AP(R,L)-05-40-30	
MS3367-5-11	AP(R,L)-08-40-30	
MS3367-5-11	AP(R,L)-11-40-30	
MS3367-5-11	AP(R,L)-14-40-30	
MS3367-6-11	AP(R,L)-30-120-30	
MS3367-6-11	AP(R,L)-36-120-30	
MS3367-7-11	AP(R,L)-11-50-30	
MS3367-1-12	AP(R,L)-07-50-32	
MS3367-2-12	AP(R,L)-14-50-32	
MS3367-3-12	AP(R,L)-14-120-32	
MS3367-3-12	AP(R,L)-18-120-32	
MS3367-3-12	AP(R,L)-24-120-32	
MS3367-4-12	AP(R,L)-04-18-32	
MS3367-4-12	AP(R,L)-06-18-32	
MS3367-4-12	AP(R,L)-08-18-32	
MS3367-5-12	AP(R,L)-05-40-32	
MS3367-5-12	AP(R,L)-08-40-32	
MS3367-5-12	AP(R,L)-11-40-32	
MS3367-5-12	AP(R,L)-14-40-32	
MS3367-6-12	AP(R,L)-30-120-32	
MS3367-6-12	AP(R,L)-36-120-32	
MS3367-7-12	AP(R,L)-11-50-32	

QPL-23190-37

SPECIFICATION DESIGNATION	MANUFACTURER'S DESIGNATION	MANUFACTURER'S NAME AND QUALIFICATION TEST REFERENCE
MS3367-1-0	08388, 08437, 10003, 10005, AMZ08388, or AMZ08437	Avery Dennison
MS3367-2-0	08428, 10008, 10037, 10345, AMZ08428, or AMZ10037	
MS3367-3-0	08382, 10039, 10608, 10614	02607501.AH/08-05-2022
MS3367-4-0	08433, 08435, 10327, 10330, 10393, 10396, or A	
MS3367-5-0	08380, 08384, 08386, 08431	
MS3367-6-0	10620	
MS3367-7-0	08286, 08930	
MS3367-1-9	08387 or 08436 or 10001 or 10004	
MS3367-2-9	08427 or 10006 or 10036 or 10344	
MS3367-3-9	08378 or 10038 or 10606 or 10612	
MS3367-4-9	08432 or 08434 or 10325 or 10328 or 10391 or 10394	
MS3367-5-9	08376 or 08377 or 08383 or 08385	
MS3367-6-9	10618	
MS3367-7-9	08600 or 08859	
MS3367-4-1	08585	
MS3367-4-2	08508	
MS3367-4-3	08582	
MS3367-4-4	08583	
MS3367-4-5	08584	
MS3367-4-6	08587	
MS3367-4-7	08586	
MS3367-4-8	08465	
MS3367-5-1	08760	
MS3367-5-2	08690	
MS3367-5-3	08780	
MS3367-5-4	08782	
MS3367-5-5	08664	
MS3367-5-6	08671	
MS3367-5-7	08680	
MS3367-5-8	10019	

QPL-23190-37

SPECIFICATION DESIGNATION	MANUFACTURER'S DESIGNATION	MANUFACTURER'S NAME AND QUALIFICATION TEST REFERENCE
MS3367-1-0	T50R0UV	Hellermann Tyton Corp.
MS3367-2-0	T50L0UV	
MS3367-3-0	T120R0UV	02625901.AK/08-05-2022
MS3367-4-0	T18R0UV	
MS3367-5-0	T30R0UV or T30XL0UV	
MS3367-6-0	T120L0UV	
MS3367-7-0	T50I0UV	
MS3367-1-*	T50R*	
MS3367-2-*	T50L*	
MS3367-3-*	T120R*	
MS3367-4-*	T18R* or T18S-*	
MS3367-5-*	T30R*	
MS3367-6-*	T120L*	
MS3367-7-*	T50I*	

SPECIFICATION DESIGNATION	MANUFACTURER'S DESIGNATION	MANUFACTURER'S NAME AND QUALIFICATION TEST REFERENCE
MS3367-1-0	PLT2S-00	Panduit Corp. (1) 02617302.AJ/08-05-2022
MS3367-2-0	PLT4S-00	
MS3367-3-0	PLT4H-00	
MS3367-4-0	PLT1M-00	
MS3367-5-0	PLT1.5I-00	
MS3367-6-0	PLT8LH-00	
MS3367-7-0	PLT3S-00	
MS3367-11-0	PLT8H-00	
MS3367-32-0	CBR2M-00	
MS3367-1-*	BT2S-* or PLT2S-*	
MS3367-2-*	BT4S-* or PLT4S-*	
MS3367-3-*	BT4LH-* or PLT4H-*	
MS3367-4-*	BT1M-* or PLT1M-*	
MS3367-5-*	BT1.5I-* or PLT1.5I-*	
MS3367-7-*	BT3S-* or PLT3S-*	
MS3367-32-*	CBR2M-*	
MS3367-34-*	CBR3I-*	
MS3367-1-9	BT2S or PLT2S	
MS3367-2-9	BT4S or PLT4S	
MS3367-3-9	BT4LH or PLT4H	
MS3367-4-9	BT1M or PLT1M	
MS3367-5-9	BT1.5I or PLT1.5I	
MS3367-6-9	BT8LH or BT9LH or PLT8LH	
MS3367-7-9	BT3S or PLT3S	
MS3367-8-9	PLT5H	
MS3367-9-9	PLT6H	
MS3367-11-9	PLT8H	
MS3367-25-9	ILT4LH	
MS3367-30-9	CBR1M	
MS3367-31-9	CBR1.5M	
MS3367-32-9	CBR2M	
MS3367-33-9	CBR1.5I	
MS3367-34-9	CBR3I	
MS3367-35-9	CBR4I	
MS3367-36-9	CBR2S	
MS3367-37-9	CBR3S	
MS3367-38-9	CBR4S	
MS3367-39-9	CBR2HS	
MS3367-40-9	CBR4LH	
MS3367-41-9	CBR6LH	

SPECIFICATION DESIGNATION	MANUFACTURER'S DESIGNATION	MANUFACTURER'S NAME AND QUALIFICATION TEST REFERENCE
MS3367-1-0	PLT2S-00	Panduit Corp. (4) 02617302.AJ/08-05-2022
MS3367-2-0	PLT4S-00	
MS3367-3-0	PLT4H-00	
MS3367-4-0	PLT1M-00	
MS3367-5-0	PLT1.5I-00	
MS3367-7-0	PLT3S-00	
MS3367-11-0	PLT8H-00	
MS3367-1-*	PLT2S-* or BT2S-*	
MS3367-2-*	PLT4S-* or SST4S*	
MS3367-3-*	PLT4H-* or BT4LH-*	
MS3367-4-*	PLT1M-*	
MS3367-5-*	PLT1.5I-*	
MS3367-7-*	PLT3S-*	
MS3367-1-9	PLT2S or SST2S or BT2S	
MS3367-2-9	PLT4S or SST4S	
MS3367-3-9	PLT4H or SST4H or BT4LH	
MS3367-4-9	PLT.7M or PLT1M or SST1M	
MS3367-5-9	PLT.5I or SST1.5I	
MS3367-6-9	SST8H	
MS3367-7-9	PLT3S or SST3S	
MS3367-8-9	PLT5H	
MS3367-9-9	PLT6H	
MS3367-11-9	PLT8H	
MS3367-14-9	PLT13H	
MS3367-20-9	PLT5EH	
MS3367-21-9	PLT6EH	
MS3367-22-9	PLT8EH	
MS3367-23-9	ILT2S	
MS3367-24-9	ILT4S	
MS3367-29-9	ILT3S	

QPL-23190-37

SPECIFICATION DESIGNATION	MANUFACTURER'S DESIGNATION	MANUFACTURER'S NAME AND QUALIFICATION TEST REFERENCE
MS3367-1-11	PLT2S-30 or SST2S-30 or BT2S-30	Panduit Corp. (4) 02617302.AJ/08-05-2022
MS3367-2-11	PLT4S-30 or SST4S-30	
MS3367-3-11	PLT4H-30 or SST4H-30 or BT4LH-30	
MS3367-4-11	PLT1M-30 or SST1M-30	
MS3367-5-11	PLT1.5I-30 or SST1.5I-30	
MS3367-6-11	SST8H-30	
MS3367-7-11	PLT3S-30 or SST3S-30	
MS3367-11-11	PLT8H-30	
MS3367-1-12	PLT2S-39 or BT2S-39	
MS3367-2-12	PLT4S-39	
MS3367-3-12	PLT4H-39 or BT4LH-39	
MS3367-5-12	PLT1.5I-39	
MS3367-1-11	PLT2S-30 or BT2S-30	Panduit Corp. (1) 02617302.AJ/08-05-2022
MS3367-2-11	PLT4S-30 or BT4S-30	
MS3367-3-11	PLT4H-30 or BT4LH-30	
MS3367-4-11	PLT1M-30 or BT1M-30	
MS3367-5-11	PLT1.5I-30 or BT1.5I-30	
MS3367-7-11	PLT3S-30 or BT3S-30	
MS3367-8-11	PLT5H-30	
MS3367-9-11	PLT6H-30	
MS3367-11-11	PLT8H-30	
MS3367-30-11	CBR1M-30	
MS3367-33-11	CBR1.5I-30	
MS3367-36-11	CBR2S-30	
MS3367-37-11	CBR3S-30	
MS3367-38-11	CBR4S-30	
MS3367-40-11	CBR4LH-30	
MS3367-41-11	CBR6LH-30	
MS3367-1-12	BT2S-39	
MS3367-2-12	BT4S-39	
MS3367-3-12	BT4LH-39	
MS3367-4-12	BT1M-39	
MS3367-5-12	BT1.5I-39	
MS3367-7-12	BT3S-39	
MS3367-36-12	CBR2S-39	

SPECIFICATION DESIGNATION	MANUFACTURER'S DESIGNATION	MANUFACTURER'S NAME AND QUALIFICATION TEST REFERENCE
MS3367-1-15	PLT2S-76	Panduit Corp. (1)
MS3367-2-15	PLT4S-76	
MS3367-3-15	PLT4H-76	02617302.AJ/08-05-2022
MS3367-4-15	PLT1M-76	(continued)
MS3367-5-15	PLT2I-76	
MS3367-7-15	PLT3S-76	
MS3367-1-16	PLT2S-71	
MS3367-4-16	PLT1M-71 or PLT1.5M-71	

SPECIFICATION DESIGNATION	MANUFACTURER'S DESIGNATION	MANUFACTURER'S NAME AND QUALIFICATION TEST REFERENCE
MS3367-1-0	BL7S0	Southwire Company, LLC 02646806.AC/08-05-2022
MS3367-2-0	BL14S0	
MS3367-3-0	BL14L0	
MS3367-4-0	BL4M0	
MS3367-5-0	BL5I0	
MS3367-7-0	BL11S0	
MS3367-8-0	BL24H0	
MS3367-9-0	BL24H0	
MS3367-10-0	BL24H0	
MS3367-11-0	BL30H0	
MS3367-12-0	BL36H0	
MS3367-13-0	BL36H0	
MS3367-1-9	BL7S9	
MS3367-2-9	BL14S9	
MS3367-3-9	BL14L9	
MS3367-4-9	BL4M9	
MS3367-5-9	BL5I9	
MS3367-7-9	BL11S9	
MS3367-8-9	BL24H9	
MS3367-9-9	BL24H9	
MS3367-10-9	BL24H9	
MS3367-11-9	BL30H9	
MS3367-12-9	BL36H9	
MS3367-13-9	BL36H9	
MS3367-1-*	BL7S*	
MS3367-2-*	BL14S*	
MS3367-3-*	BL14L*	
MS3367-4-*	BL4M*	
MS3367-5-*	BL5I*	
MS3367-7-*	BL11S*	
MS3367-8-*	BL24H*	
MS3367-9-*	BL24H*	
MS3367-10-*	BL24H*	
MS3367-11-*	BL30H*	
MS3367-12-*	BL36H*	
MS3367-13-*	BL36H*	

SPECIFICATION DESIGNATION	MANUFACTURER'S DESIGNATION	MANUFACTURER'S NAME AND QUALIFICATION TEST REFERENCE
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SAE AS33681, STRAP, TIEDOWN, ELECTRICAL COMPONENTS, IDENTIFICATION, ADJUSTABLE, SELF-CLINCHING, PLASTIC, TYPE II, CLASS 1

MS3368-1-*A	TY-46M-* or TY546M-*	ABB Installation Products (2)
MS3368-2-*A	TY-48M-* or TY548M-*	
MS3368-3-*C	TY-46MD-* or TY546M-*	02623001.AP/08-05-2022
MS3368-4-*D	TY-46MT-* or TY546MT-*	
MS3368-5-*E	TY-51M-* or TY551M-*	

MS3368-1-9A	08413 or 08419	Avery Dennison
MS3368-5-9E	08412 or 08417	
		02607501.AH/08-05-2022

MS3368-1-0A	IT50R0UV	Hellermann Tyton Corp.
MS3368-2-0A	IT50L0UV	
MS3368-3-0C	IT50RD0UV	02625901.AK/08-05-2022
MS3368-4-0D	IT50RT0UV	
MS3368-5-0E	IT18R0UV	

MS3368-1-*A	IT50R-*	
MS3368-2-*A	IT50L-*	
MS3368-3-*C	IT50RD-*	
MS3368-4-*D	IT50RT-*	
MS3368-5-*E	IT18R-*	

MS3368-1-9A	BM2S	Panduit Corp. (1)
MS3368-2-9A	BM4S	
MS3368-3-9C	B2M2S	02617302.AJ/08-05-2022
MS3368-4-9D	B3M2S	
MS3368-5-9E	BM1M	

SPECIFICATION DESIGNATION	MANUFACTURER'S DESIGNATION	MANUFACTURER'S NAME AND QUALIFICATION TEST REFERENCE
MS3368-1-*A	PLM2S-*	Panduit Corp. (4)
MS3368-2-*A	PLM4S-*	02617302.AJ/08-05-2022
MS3368-3-*C	PL2M2S-*	
MS3368-4-*D	PL3M2S-*	
MS3368-5-*E	PLMIM-*	
MS3368-1-9A	PLM2S	
MS3368-1-9B	SSM2S	
MS3368-2-9A	PLM4S	
MS3368-2-9B	SSM4S	
MS3368-3-9C	PL2M2S	
MS3368-4-9D	PL3M2S	
MS3368-5-9E	PLM1M	

SPECIFICATION DESIGNATION	MANUFACTURER'S DESIGNATION	MANUFACTURER'S NAME AND QUALIFICATION TEST REFERENCE
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**SAE AS33391, PLATE, MOUNTING, PLASTIC FOR USE WITH
MS3367 PLASTIC TIEDOWN STRAPS**

MS3339-1	-0	MTP1S-E6	-0	Panduit Corp. (2)
MS3339-2	-9	MTP2S-E6	-9	
MS3339-3		MTP3S-E6		02617302.AJ/08-05-2022
MS3339-4		MTP4S-E6		
MS3339-5		MTP5S-E6		
MS3339-6		MTP1H-E6		
MS3339-7		MTP2H-E6		
MS3339-8		MTP3H-E6		
MS3339-9		MTP4H-E6		
MS3339-10		MTP5H-E6		
MS3339-11		MTP6H-E6		

**SAE AS33401, BULKHEAD BRACKET FOR USE WITH
MS3367 PLASTIC TIEDOWN STRAPS**

MS3340-1-9		LHMS-S6		Panduit Corp. (2)
				02617302.AJ/08-05-2022

**SAE AS33411, BULKHEAD BRACKET FOR USE WITH
MS3367 PLASTIC TIEDOWN STRAPS**

MS3341-1-9		RAMH-S6		Panduit Corp. (2)
MS3341-1-0		RAMH-S6-0		
MS3341-2-9		RAMS-S3		02617302.AJ/08-05-2022
MS3341-2-0		RAMS-S3-0		

SPECIFICATION DESIGNATION	MANUFACTURER'S DESIGNATION	MANUFACTURER'S NAME AND QUALIFICATION TEST REFERENCE
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**SAE AS23190/1, STRAPS, CLAMPS, AND MOUNTING HARDWARE, PLASTIC FOR CABLE
HARNESS TYING AND SUPPORT CLAMPS, LOOP, NYLON, ADJUSTABLE,
WIRE SUPPORT, TYPE III, CLASS 1**

M23190/1-0	NMC 1001-0	NMC Group Inc.
M23190/1-1	NMC 1001-1	
M23190/1-2	NMC 1001-2	02616602.AK/08-05-2022
M23190/1-3	NMC 1001-3	
M23190/1-4	NMC 1001-4	
M23190/1-5	NMC 1001-5	
M23190/1-6	NMC 1001-6	
M23190/1-7	NMC 1001-7	

SPECIFICATION DESIGNATION	MANUFACTURER'S DESIGNATION	MANUFACTURER'S NAME AND QUALIFICATION TEST REFERENCE
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**SAE AS23190/3, STRAPS, CLAMPS, AND MOUNTING HARDWARE, PLASTIC AND METAL
FOR CABLE HARNESS TYING AND SUPPORT STRAPS, TIEDOWN, ADJUSTABLE,
CORROSION RESISTANT STEEL, TYPE VI, CLASS 1**

M23190/3-1	MLT2S and MLT2S-316	Panduit Corp. (3) (5)
M23190/3-2	MLT4S and MLT4S-316	
M23190/3-3	MLT6S and MLT6S-316	02617302.AJ/08-05-2022
M23190/3-4	MLT8S and MLT8S-316	
M23190/3-5	MLT2H and MLT2H-316	
M23190/3-6	MLT4H and MLT4H-316	
M23190/3-7	MLT6H and MLT6H-316	
M23190/3-8	MLT8H and MLT8H-316	
M23190/3-9	MLT10H and MLT10H-316	

SPECIFICATION DESIGNATION	MANUFACTURER'S DESIGNATION	MANUFACTURER'S NAME AND QUALIFICATION TEST REFERENCE
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SAE AS25281, CLAMP, LOOP, PLASTIC, WIRE SUPPORT

MS25281-R3	NM-3-R3	Essentra Components
MS25281-R4	NM-4-R4	
MS25281-R5	NM-5-R5	02645606.AB/08-05-2022
MS25281-R6	NM-6-R6	
MS25281-R7	NM-7-R7	
MS25281-R8	NM-8-R8	
MS25281-R9	NM-9-R9	
MS25281-R10	NM-10-R10	
MS25281-R11	NM-11-R11	
MS25281-R12	NM-12-R12	
MS25281-R13	NM-13-R13	
MS25281-R14	NM-14-R14	
MS25281-R16	NM-16-R16	
MS25281-R18	NM-18-R18	
MS25281-R20	NM-20-R20	
MS25281-R22	NM-22-R22	
MS25281-R24	NM-24-R24	
MS25281-R26	NM-26-R26	
MS25281-R28	NM-28-R28	
MS25281-F3	NM-3-F3	
MS25281-F4	NM-4-F4	
MS25281-F5	NM-5-F5	
MS25281-F6	NM-6-F6	
MS25281-F7	NM-7-F7	
MS25281-F8	NM-8-F8	
MS25281-F10	NM-10-F10	
MS25281-F13	NM-13-F13	

SPECIFICATION DESIGNATION	MANUFACTURER'S DESIGNATION	MANUFACTURER'S NAME AND QUALIFICATION TEST REFERENCE
MS25281-R2	NMC CL141N-R2	NMC Group Inc.
MS25281-R3	NMC CL141N-R3	
MS25281-R4	NMC CL141N-R4	02616602.AK/08-05-2022
MS25281-R5	NMC CL141N-R5	
MS25281-R6	NMC CL141N-R6	
MS25281-R7	NMC CL141N-R7	
MS25281-R8	NMC CL141N-R8	
MS25281-R9	NMC CL141N-R9	
MS25281-R10	NMC CL141N-R10	
MS25281-R11	NMC CL141N-R11	
MS25281-R12	NMC CL141N-R12	
MS25281-R13	NMC CL141N-R13	
MS25281-R14	NMC CL141N-R14	
MS25281-R15	NMC CL141N-R15	
MS25281-R16	NMC CL141N-R16	
MS25281-R17	NMC CL141N-R17	
MS25281-R18	NMC CL141N-R18	
MS25281-R20	NMC CL141N-R20	
MS25281-R22	NMC CL141N-R22	
MS25281-R24	NMC CL141N-R24	
MS25281-R26	NMC CL141N-R26	
MS25281-R28	NMC CL141N-R28	
MS25281-R30	NMC CL141N-R30	
MS25281-R32	NMC CL141N-R32	

SPECIFICATION DESIGNATION	MANUFACTURER'S DESIGNATION	MANUFACTURER'S NAME AND QUALIFICATION TEST REFERENCE
MS25281-F2	NMC 3650-F2	NMC Group Inc.
MS25281-F3	NMC 3650-F3	
MS25281-F4	NMC 3650-F4	02616602.AK/08-05-2022
MS25281-F5	NMC 3650-F5	(continued)
MS25281-F6	NMC 3650-F6	
MS25281-F7	NMC 3650-F7	
MS25281-F8	NMC 3650-F8	
MS25281-F9	NMC 3650-F9	
MS25281-F10	NMC 3650-F10	
MS25281-F11	NMC 3650-F11	
MS25281-F12	NMC 3650-F12	
MS25281-F13	NMC 3650-F13	
MS25281-F14	NMC 3650-F14	
MS25281-F15	NMC 3650-F15	
MS25281-F16	NMC 3650-F16	
MS25281-F17	NMC 3650-F17	
MS25281-F18	NMC 3650-F18	
MS25281-F19	NMC 3650-F19	
MS25281-F20	NMC 3650-F20	

MANUFACTURER'S OFFICE ADDRESS (Where contracts are received)	MANUFACTURER'S PLANT ADDRESS (Primary source of manufacturing & control)
<p>ABB Installation Products Corporation 860 Ridge Lake Blvd Memphis, TN 38125</p> <p>Cage Code: 56501</p>	<p>ABB Installation Products Caribe, Corp. Cabo-Caribe Ind. Park Lot 34-32 Vega Baja, PR US 00693</p> <p>Cage Code: 6G3H4</p>
<p>Advanced Cable Ties, Inc. 245 Suffork Lane Gardner, MA 01440-1761</p> <p>Cage Code: 03RL1</p>	<p>Same as Office</p>
<p>Avery Dennison Fastener Division 224 Industrial Road Fitchburg, MA 01420-4604</p> <p>Cage Code: 16956</p>	<p>Same as Office</p>
<p>Essentra Components 3123 Station Road Erie, PA 16150</p> <p>Cage Code: 5EM82</p>	<p>Same as Office</p>
<p>Hellermann Tyton Corp. 7930 N. Faulkner Ave. P.O. Box 23055 Milwaukee, WI 53224</p> <p>Cage Code: 53421</p>	<p>Hellermann Tyton Corp. 6701 W Good Hope Road Milwaukee, WI 53223</p> <p>Cage Code: 6TWV0</p>

MANUFACTURER'S OFFICE ADDRESS (Where contracts are received)	MANUFACTURER'S PLANT ADDRESS (Primary source of manufacturing & control)
<p>NMC Group Inc. 1500 Lakeview Loop Anaheim, CA 92807</p> <p>Cage Code: 03296</p>	<p>Esterline México, S. de R.L. de C.V. Avenida del Aguila Azteca 19430 Tijuana, B.C. Mexico 22215</p> <p>Cage Code: SBCY1</p>
<p>Panduit Corp. 18900 Panduit Drive Tinley Park, IL 60487</p> <p>Cage Code: 06383</p>	<p>Plant 1: Panduit De Costa Rica Ltd. Zona Franca Codiao ZF 499502 1.5 Km Este de la inters Le Argentina DeGrecia Alajuala Costa Rica</p> <p>Cage Code: SGS00</p>
	<p>Plant 2: Panduit Corp. 1819 Atlanta Hwy Cumming, GA 30130</p> <p>Cage Code: 5MST4</p>
	<p>Plant 3: Panduit Corporation 10500 167th Street Orland Park, IL 60467-5430</p> <p>Cage Code: 6ZSG4</p>
	<p>Plant 4: Panduit Singapore PTE Ltd. 60 Tuas Ave 11 Singapore 639106 Republic of Singapore</p> <p>Cage Code: Q0280</p>

MANUFACTURER'S OFFICE ADDRESS (Where contracts are received)	MANUFACTURER'S PLANT ADDRESS (Primary source of manufacturing & control)
Southwire Company LLC. 1 Southwire Drive Carrollton, GA 30117 Cage Code: 1WBB1	Southwire Company LLC. 5880 John Givens Rd. Crestview, FL 32539 Cage Code: 1WBB1
