

4

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2

REV

E

SHEET 1 OF 19

XXXX-XXX/6Z06CW

REVISIONS

LTR

DESCRIPTION

DATE

REV

E

(CL11) SEE ECN C8183

3/1/19
Prescott

DOCUMENT NO.
M39029/XXX-XXXX

SHEET 1 OF 19

REV
E

AMPHENOL P/N
MILITARY P/N
M39029/

SPEC. SHEET
REF

DESCRIPTION

BIN
CODE

COLOR BANDS

PIN
OR
SOCKET

POWER
CONTACTS

SHIELDED
CONTACT
CAVITY
SIZE

SUPERSEDED
MILITARY
P/N

CONNECTOR
USED WITH
(SPECIFICATION)

1st

2nd

3rd

MATING
END
SIZE

WIRE
BARREL
SIZE

1-100	SAE AS 39029/1	CONTACTS, ELECTRICAL CONNECTOR, PIN, CRIMP REMOVABLE, (FOR SAE AS 81714 TERMINAL JUNCTION SYSTEM).	100	BROWN	BLACK	P	16	22	--	M39029/1-16-22	SAE AS 81714 (SERIES 1)		
1-101			101					BROWN	20	--		M39029/1-16-20	
1-102			102					RED	14	16		--	M39029/1-14-16
1-103			103					ORANGE	12	12		--	M39029/1-12-12
1-507	SAE AS 39029/2	CONTACTS, ELECTRICAL CONNECTOR, PIN, CRIMP REMOVABLE, (FOR SAE AS 81659 SERIES 1 CONNECTORS).	507	GREEN	VIOLET	20	22D	--	M39029/1-20-22D	SAE AS 81714 (SERIES 1)			
2-104			104 105 106	BLACK	22	22	--	M39029/2-22-22	SAE AS 81659 (SERIES 1)				
2-105					20	20	--	M39029/2-20-20					
2-106					16	16	--	M39029/2-16-16					
3-107	SAE AS 39029/3	CONTACTS, ELECTRICAL CONNECTOR, SOCKET, CRIMP REMOVABLE, (FOR SAE AS 81659 SERIES 1 CONNECTORS).	107	S	VIOLET	22	22	--		M39029/3-22-22	MIL-DTL-26482 (SERIES 2) SAE AS 81703 (SERIES 3) MIL-DTL-83723 (SERIES 3) MIL-DTL-83733		
3-108			108		GRAY	20	20	--	M39029/3-20-20				
3-109			109		WHITE	16	16	--	M39029/3-16-16				
4-110	SAE AS 39029/4	CONTACTS, ELECTRICAL CONNECTOR, PIN, CRIMP REMOVABLE, (FOR MIL-DTL-26482 SERIES 2, SAE AS 81703 SERIES 3, MIL-DTL-83723, SERIES 1 AND 111 AND MIL-DTL-83733 CONNECTORS).	110	BROWN	BLACK	20	20	--	M39029/4-20-20 M39029/4-001 M83723/33B20				
4-111			111 112 113 114		BROWN	BROWN	16	16	--		M39029/4-16-16 M39029/4-002 M83723/33BIG		
4-112						RED		20	--		M39029/4-16-20 M39029/4-003		
4-113						ORANGE		12	12		--	M39029/4-12-12 M39029/4-004 M83723/33B12	
4-114					YELLOW		16	--	M39029/4-12-16 M39029/4-005				

SEE NOTE 4

3. WHEN THE M39029/XXX-XXXX P/N IS DESIGNATED IN THE ENGINEERING AUTHORIZED CONNECTOR BILL OF MATERIAL ANY CONTACT PART NUMBER IN THE M39029/XXX-XXXX BILL OF MATERIAL MAY BE USED.

2. SEE BILL OF MATERIAL FOR ENGINEERING APPROVED CONTACTS.

1. CONTACTS SUPPLIED ARE QUALIFIED TO THE REQUIREMENTS OF MIL-C-39029. SEE SPECIFICATION AND SLASH SHEETS FOR PICTORIAL AND DIMENSIONAL DATA.

NOTES:

THE USE OF THIS DOCUMENT IS UNLIMITED. HOWEVER, DOCUMENTS REFERENCED HEREON MAY CONTAIN LIMITED RIGHTS DATA.

PRO/ENGINEER INFORMATION

Model Used:

Model Name: DRAFT

Drawing Name:

M39029-XXX-XXXX

UNLESS OTHERWISE SPECIFIED

SPECIFICATIONS

MATERIAL SPEC.

PROCESS SPEC.

POS

QTY

PART NUMBER

DESCRIPTION

NOTE

APPROVALS

DATE

PREPARED BY

G.LARSON

ENGINEER IN CHARGE

L.RATCHFORD

DESIGN MANAGER

E.SHEPLER

DESIGN ACTIVITY GROUP

MIL-AERO

THIRD ANGLE PROJECTION

AMPHENOL CORPORATION

40-60 DELAWARE AVENUE

SIDNEY, N.Y. 13838

CONTACTS,
ELECTRICAL CONNECTORS,
SAE AS 39029, QUALIFIED

SIZE

C

CAGE CODE

77820

DOCUMENT NO.

M39029/XXX-XXXX

REV.

E

SCALE: NONE

REF.

N/A

SHEET 1 OF 19

DOCUMENT NO.
M39029/XXX-XXXX

SHEET 1 OF 19

REV
E

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3

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1

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M39029/XXX-XXXX

DOCUMENT NO.

SHEET 2 OF 19

REV. E

AMPHENOL P/N
MILITARY P/N
M39029/

SPEC. SHEET
REF

DESCRIPTION

BIN
CODE

COLOR BANDS

1st2nd3rd

PIN
OR
SOCKET

POWER
CONTACTS

MATING
END
SIZEWIRE
BARREL
SIZE

SHIELDED
CONTACT
CAVITY
SIZE

SUPERSEDED
MILITARY
P/N

CONNECTOR
USED WITH
(SPECIFICATION)

5-115

5-116

5-117

5-118

5-119

6-120

6-121

6-122

6-123

6-124

6-125

7-126

7-127

7-128

SAE AS 39029/5

SAE AS 39029/6

SAE AS 39029/7

CONTACTS, ELECTRICAL CONNECTOR,
SOCKET, CRIMP REMOVABLE,
(FOR MIL-DTL-26482 SERIES 2,
SAE AS 81703 SERIES 3,
& MIL-DTL-12883/40 AND /41 RELAY SOCKETS
MIL-DTL-83723, SERIES I & III,
& MIL-DTL-83733 SERIES CONNECTORS)

CONTACTS, ELECTRICAL CONNECTOR,
PIN, CRIMP REMOVABLE, SHIELDED,
(FOR MIL-C-81511 SERIES 1 AND 2 CONNECTORS)

CONTACTS, ELECTRICAL CONNECTOR,
PIN, CRIMP REMOVABLE, SHIELDED,
(FOR MIL-DTL-26482 SERIES 2 AND
SAE AS 81703 SERIES 3 CONNECTORS)

115

116

117

118

119

120

121

122

123

124

125

126

127

128

BROWN

BROWN

RED

S

P

20

16

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12

12

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16

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M39029/5-20-20
M39029/5-001
M83723/34B20

M39029/5-16-16
M39029/5-002
M83723/34B16

M39029/5-16-20
M39029/5-003

M39029/5-12-12
M39029/5-004
M83723/33B12

M39029/5-005

M39029/6-01

M39029/6-02

M39029/6-03

M39029/6-04

M39029/6-05

M39029/6-06

M39029/7-001

M39029/7-002

M39029/7-003

MIL-DTL-26482
(SERIES 2)
SAE AS 81703
(SERIES 3)
MIL-DTL-83723
(SERIES 3)
MIL-DTL-83733

MIL-DTL-26482
(SERIES 2)
SAE AS 81703
(SERIES 3)
MIL-DTL-83723
(SERIES 3)
MIL-DTL-83733

MIL-DTL-26482
(SERIES 2)
SAE AS 81703
(SERIES 3)
MIL-DTL-83723
(SERIES 3)
MIL-DTL-83733

MIL-C-81511
(SERIES 1 & 2)

MIL-C-81511
(SERIES 1 & 2)

MIL-C-81511
(SERIES 1 & 2)

MIL-DTL-26482
(SERIES 2)
SAE AS 81703
(SERIES 3)

MIL-DTL-26482
(SERIES 2)
SAE AS 81703
(SERIES 3)

MIL-DTL-26482
(SERIES 2)
SAE AS 81703
(SERIES 3)

SEE NOTE 4

NOTES:

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HOWEVER, DOCUMENTS REFERENCED HEREON
MAY CONTAIN LIMITED RIGHTS DATA.

SIZE
C

CAGE CODE
77820

DOCUMENT NO.
M39029/XXX-XXXX

REV.
E

SCALE: DRAWING SCALE

REF:
N/A

SHEET 2 OF 19

DOCUMENT NO.
M39029/XXX-XXXX

SHEET 2 OF 19

REV.
E

4				3				2				M39029/XXX-XXXX SHEET 3 OF 19 REV. E			
M39029/XXX-XXXX DOCUMENT NO. SHEET 3 OF 19 REV. E C B A	AMPHENOL P/N MILITARY P/N M39029/	SPEC. SHEET REF	DESCRIPTION	BIN CODE	COLOR BANDS			PIN OR SOCKET	POWER CONTACTS		SHIELDED CONTACT CAVITY SIZE	SUPERSEDED MILITARY P/N	CONNECTOR USED WITH (SPECIFICATION)		
					1 st	2 nd	3 rd		MATING END SIZE	WIRE BARREL SIZE					
	8-129	SAE AS 39029/8	CONTACTS, ELECTRICAL CONNECTOR, SOCKET, CRIMP REMOVABLE, SHIELDED, (FOR MIL-DTL-26482 SERIES 2 AND SAE AS 81703 SERIES 3 CONNECTORS)	129	BROWN	RED	WHITE	S	--	--	12	M39029/8-001	MIL-DTL-26482 (SERIES 2) SAE AS 81703 (SERIES 3)		
	8-130			ORANGE		BLACK	--		--	12	M39029/8-002				
	8-131					BROWN	--		--	12	M39029/8-003				
	9-132	SAE AS 39029/9	CONTACTS, ELECTRICAL CONNECTOR, PIN, CRIMP REMOVABLE, THERMOCOUPLE, (FOR MIL-DTL-26482 SERIES 2, SAE AS 81703 SERIES 3, MIL-DTL-83723 SERIES 3 AND MIL-DTL-83733 CONNECTORS)	132	BROWN	ORANGE	RED	P	20	20	--	M39029/9-20-20-C1			
	9-133			ORANGE			--				M39029/9-20-20-C2				
	9-134			ORANGE		YELLOW	--				M39029/9-20-20-C3				
	9-135					GREEN	--				M39029/9-20-20-C4				
	9-136					BLUE	--				M39029/9-20-20-C5				
	9-514			GREEN		BROWN	514		YELLOW	16	16	--		5000-070-516	
	9-515						GREEN		--			5000-070-416			
	9-516						BLUE		--			5000-070-116			
	9-517						VIOLET		--			5000-070-216			
	9-518						GRAY		--			5000-070-316			
	10-138	SAE AS 39029/10	CONTACTS, ELECTRICAL CONNECTOR, SOCKET, CRIMP REMOVABLE, THERMOCOUPLE, (FOR MIL-DTL-26482 SERIES 2, SAE AS 81703 SERIES 3, MIL-DTL-83723 SERIES 3 ,AND MIL-DTL-83733 CONNECTORS)	138	BROWN	ORANGE	GRAY	S	20	20	--	M39029/10-20-20-C1	MIL-DTL-26482 (SERIES 2)		
	10-139			WHITE			--				M39029/10-20-20-C2	SAE AS 81703 (SERIES 3)			
	10-140			YELLOW		BLACK	--				M39029/10-20-20-C3	MIL-DTL-83723 (SERIES 2)			
	10-141					BROWN	--				M39029/10-20-20-C4	MIL-DTL-83733			
	10-142					RED	--				M39029/10-20-20-C5				
	10-519			GREEN		BROWN	519		WHITE	16	16	--	5000-108-516		
	10-520						BLACK		--			5000-108-416			
	10-521						RED		BROWN			--	5000-108-116		
	10-522								RED			--	5000-108-216		
	10-523								ORANGE			--	5000-108-316		
	11-144	SAE AS 39029/11	CONTACTS, ELECTRICAL CONNECTOR, PIN, CRIMP REMOVABLE, (FOR SAE AS 81659 SERIES 2 CONNECTORS)	144	BROWN	YELLOW	P	22	22	--	M39029/11-22-22	SAE AS 81659 (SERIES 2)			
	11-145			20				20	--	M39029/11-20-20					
	11-146			16				16	--	M39029/11-16-16					
11-147	12			12				--	M39029/11-12-12						
SEE NOTE 4															
NOTES: THE USE OF THIS DOCUMENT IS UNLIMITED. HOWEVER, DOCUMENTS REFERENCED HEREON MAY CONTAIN LIMITED RIGHTS DATA.															
M39029/XXX-XXXX SHEET 3 OF 19 REV. E															
SCALE: DRAWING SCALE REF: N/A SHEET 3 OF 19															
M39029/XXX-XXXX SHEET 3 OF 19 REV. E															

M39029/XXX-XXXX	DOCUMENT NO.	AMPHENOL P/N	SPEC. SHEET REF	DESCRIPTION	BIN CODE	COLOR BANDS			PIN OR SOCKET	POWER CONTACTS		SHIELDED CONTACT CAVITY SIZE	SUPERSEDED MILITARY P/N	CONNECTOR USED WITH (SPECIFICATION)
		MILITARY P/N				1 st	2 nd	3 rd		MATING END SIZE	WIRE BARREL SIZE			
	M39029/													
	18-176	SAE AS 39029/18	CONTACTS, ELECTRICAL CONNECTOR, PIN, CRIMP REMOVABLE, (FOR MIL-C-81511 SERIES 3 AND 4 CONNECTORS)	176	VIOLET	BLUE	P	23	28	--	M39029/18-23-28	MIL-C-81511 (SERIES 3 & 4)		
	177			VIOLET				23	22	--	M39029/18-23-22			
	178							GRAY	20	20	--		M39029/18-20-20	
	179							WHITE	16	16	--		M39029/18-16-16	
	180					BLACK		12	12	--	M39029/18-12-12			
	19-181	SAE AS 39029/19	CONTACTS, ELECTRICAL CONNECTOR, PIN, CRIMP REMOVABLE, SHEILDED, (FOR MIL-C-81511 SERIES 3 & 4 CONNECTORS)	181	BROWN	BROWN	--	--	16					
	19-182			RED			--	--	12					
19-183	ORANGE			--			--							
20-184	SAE AS 39029/20	CONTACTS, ELECTRICAL CONNECTOR, SOCKET, CRIMP REMOVABLE, SHEILDED, (FOR MIL-C-81511 SERIES 3 CONNECTORS)	184	GRAY	YELLOW	S	--	--	16		MIL-C-81511 (SERIES 3)			
20-185			GREEN		--		--	12						
20-186			BLUE		--		--							
21-187	SAE AS 39029/21	CONTACTS, ELECTRICAL CONNECTOR, SOCKET, CRIMP REMOVABLE, SHEILDED, (FOR MIL-C-81511 SERIES 4 CONNECTORS)	187	VIOLET	VIOLET		--	--	16		MIL-C-81511 (SERIES 4)			
21-188			GRAY		--		--	12						
21-189			WHITE		--	--								
22-190	SAE AS 39029/22	CONTACTS, ELECTRICAL CONNECTOR, SOCKET, CRIMP REMOVABLE, (FOR SAE AS 81714 TERMINAL JUNCTION SYSTEM SERIES II, AND MIL-C-81511 SERIES 3 & 4 CLASS L CONNECTORS)	190	WHITE	BLACK	22	28	--	M39029/22-22-28 M39029/15-22-28	SAE AS 81714 (SERIES 2) & MIL-C-81511 (SERIES 3 & 4, CLASS L)				
22-191			BROWN		22	22	--	M39029/22-22-22 M39029/15-22-22						
22-192			RED		20	20	--	M39029/22-20-20						
22-193			ORANGE		16	16	--	M39029/22-16-16						
22-605			605	BLUE	BLACK	GREEN	12	12	--	AFLC B207520-2-1	SAE AS 81714 (SERIES 2)			
23-194	SAE AS 39029/23	CONTACTS, ELECTRICAL CONNECTORS, PIN, CRIMP REMOVABLE, SHEILDED, (FOR MIL-DTL-26482 SERIES 1 CONNECTORS)	194	BROWN	WHITE	YELLOW	P	--	--	8	M39029/23-01	MIL-DTL-26482 (SERIES 1)		
23-195			GREEN			--		--	M39029/23-02					
23-196			BLUE			--		--	M39029/23-03					
23-197			VIOLET			--		--	M39029/23-04					
23-198			GRAY			--		--	M39029/23-05					

-SEE NOTE 4

NOTES:

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SIZE C	CAGE CODE 77820	DOCUMENT NO. M39029/XXX-XXXX	REV. E
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SCALE: DRAWING SCALE

REF:
N / A

SHEET 5 OF 19

M39029/XXX-XXX	AMPHENOL P/N MILITARY P/N M39029/	SPEC. SHEET REF	DESCRIPTION	BIN CODE	COLOR BANDS			PIN OR SOCKET	POWER CONTACTS		SHIELDED CONTACT CAVITY SIZE	SUPERSEDED MILITARY P/N	CONNECTOR USED WITH (SPECIFICATION)
	1 st				2 nd	3 rd	MATING END SIZE		WIRE BARREL SIZE				
DOCUMENT NO.													
SHEET 7 OF 19	30-217	SAE AS 39029/30	CONTACTS,ELECTRICAL CONNECTOR, SOCKET,CRIMP REMOVABLE,(FOR SAE AS 50151 MS3450 SERIES & MIL-DTL-83723 SERIES I)CONNECTORS)	217	RED	BROWN	S	16S	16	--	M39029/30-16S-16	SAE AS 50151 (SAE AS 34501) MIL-DTL-83723 SERIES 2)	
	30-218			16				--		M39029/30-16-16			
	30-219			12				--		M39029/30-12-12			
	30-220			8		--		M39029/30-8-8					
	30-221			4		--		M39029/30-4-4					
	30-222			0		--		M39029/30-0-0					
	31-223	SAE AS 39029/31	CONTACTS,ELECTRICAL CONNECTOR, PIN, CRIMP REMOVABLE,(FOR MIL-DTL-26482 SERIES I, MIL-DTL-26500 AND MIL-DTL-26518 CONNECTORS)	223	RED	RED	P	20	20	--	MS3192-20-20A	MIL-DTL-26482 (SERIES I)	
	31-224			224						--	MS3192-20-20C4		
	31-225			225						--	MS3192-20-20C1		
	31-226			226						--	MS3192-20-20C2		
	31-227			227						--	MS3192-20-20C3		
	31-228			228						--	MS3192-16-16-A		
	31-229			229						--	MS24254-16P	MIL-DTL-26482 (SERIES I) MIL-DTL-26500	
	31-230			230						16	16	--	MS3192-16-16C4
	31-231			231		--		MS3192-16-16C1					
	31-232			232		--		MS3192-16-16C2					
	31-233			233		--		MS3192-16-16C3					
	31-234			234		--		MS3192-12-12A					
	31-235			235		12		12	--			MS24254-12P	MIL-DTL-26482 (SERIES I) MIL-DTL-26500
	31-236			236					--	MS3192-12-12C4	MIL-DTL-26482 (SERIES I)		
31-237	237			--					MS3192-12-12C1				
31-238	238			--					MS3192-12-12C2				
31-239	239			--					MS3192-12-12C3				
31-240	240			20					20	--	MS3192A20-20A	MIL-DTL-26500 MIL-DTL-26482 (SERIES I)	
31-241	241					--		MS24254-20P					
31-448	448					YELLOW							
	31-627			627	BLUE	RED	VIOLET				MS24254-20P	MIL-DTL-26500 MIL-DTL-26482 (SERIES I)	

-SEE NOTE 4

NOTES:

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SIZE C	CAGE CODE 77820	DOCUMENT NO. M39029/XXX-XXXX	REV. E
E: DRAWING SCALE		REF: N/A	SHEET 7 OF 19

M39029/XXX-XXX	AMPHENOL P/N MILITARY P/N M39029/	SPEC. SHEET REF	DESCRIPTION	BIN CODE	COLOR BANDS			PIN OR SOCKET	POWER CONTACTS		SHIELDED CONTACT CAVITY SIZE	SUPERSEDED MILITARY P/N	CONNECTOR USED WITH (SPECIFICATION)
	1 st				2 nd	3 rd	MATING END SIZE		WIRE BARREL SIZE				
DOCUMENT NO. SHEET 8 OF 19 REV. E	32-242	SAE AS 39029/32	CONTACTS,ELECTRICAL CONNECTOR, SOCKET,CRIMP REMOVABLE,(FOR MIL-DTL-26482 SERIES I, MIL-DTL-26500 AND MIL-DTL-26518 CONNECTORS)	242	RED	YELLOW	RED	S	20	20	--	MS3193-20-20A	MIL-DTL-26482 (SERIES I)
	243			ORANGE			--				MS3193-20-20C4		
	244			YELLOW			--				MS3193-20-20C1		
	245			GREEN			--				MS3193-20-20C2		
	246			BLUE			--				MS3193-20-20C3		
	247			VIOLET			--				MS319316-16A		
	248			GRAY			--				MS24255-16S-C4	MIL-DTL-26500 MIL-DTL-26482 (SERIES I)	
	249			WHITE		--	MS3193-16-16B		MIL-DTL-26482 (SERIES I)				
	250			BLACK		--	MS3193-16-16C1						
	251			BROWN		--	MS3193-16-16C2						
	252			RED	--	MS3193-16-16C3							
	253			ORANGE	--	MS3193-12-12A							
	254			YELLOW	--	MS24255-12S							
	255			GREEN	--	MS3193-12-12C4							
	256			BLUE	--	MS3193-12-12C1							
	257			VIOLET	--	MS3193-12-12C2							
	258			GRAY	--	MS3193-12-12C3							
	259			WHITE	--	MS3193A-20-20A							
	32-260			260	BLUE	BLACK	20	20	--	MS24255-20S	MIL-DTL-26500 MIL-DTL-26482 (SERIES I)		
	32-449			449	YELLOW	YELLOW	WHITE	--	M39029/32-20-20				
C	33-262	SAE AS 39029/33	CONTACTS,ELECTRICAL CONNECTOR, SOCKET, CRIMP REMOVABLE, (FOR MIL-C-81511 SERIES I, CONNECTORS)	262	RED	BLUE	RED	23	28	--	MS3343B23-28		
	264			YELLOW			--		MS3343B23-22				
	266			BLUE			20		20	--	MS3343B20-20		
	268			GRAY			16		16	--	MS3343B16-16		
	270			VIOLET		BLACK	12		12	--	MS3343B12-12		
	B			33-270									

-SEE NOTE 4

NOTES:

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SIZE C	CAGE CODE 77820	DOCUMENT NO. M39029/XXX-XXXX	REV. E
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4				3				2				E REV				SHEET 10 OF 19		M39029/XXX-XXXX DOCUMENT NO.	
M39029/XXX-XXXX DOCUMENT NO.	AMPHENOL P/N MILITARY P/N M39029/	SPEC. SHEET REF	DESCRIPTION	BIN CODE	COLOR BANDS			PIN OR SOCKET	POWER CONTACTS		SHIELDED CONTACT CAVITY SIZE	SUPERSEDED MILITARY P/N	CONNECTOR USED WITH (SPECIFICATION)						
					1 st	2 nd	3 rd		MATING END SIZE	WIRE BARREL SIZE									
	45-298	SAE AS 39029/45	CONTACTS,ELECTRICAL CONNECTOR, SOCKET, CRIMP REMOVABLE,(FOR SAE AS 50151 SERIES SAE AS 34001 CONNECTORS)	298	RED	WHITE	GRAY		8	8	--	MS90454-8-8	SAE AS 50151 (SAE AS 34001 SERIES)						
	45-299			299					4	4	--	MS90454-4-4							
	45-300			300					0	0	--	MS90454-0-0							
	46-302	SAE AS 39029/46	CONTACTS,ELECTRICAL CONNECTOR, SOCKET, CRIMP REMOVABLE,(FOR MIL-C-81511 SERIES 2 CONNECTORS)	302	ORANGE	BLACK	RED	S	23	28	--	MS90460A-23-28 MS90460B-23-28 M39029/46-301							
	46-304			304							--	MS90460A-23-22 MS90460B-23-22 M39029/46-303							
	46-306			306					20	20	--	MS90460A-20-20 MS90460B-20-20 M39029/46-305							
	46-308			308					16	16	--	MS90460A-16-16 MS90460B-16-16 M39029/46-307							
	46-310			310					12	12	--	MS90460A-12-12 MS90460B-12-12 M39029/46-309							
	47-312	SAE AS 39029/47	CONTACTS,ELECTRICAL CONNECTOR, PIN, CRIMP REMOVABLE,(FOR MIL-C-81511 SERIES 1 AND 2 CONNECTORS)	312	ORANGE	BROWN	RED	P	23	28	--	MS90461A-23-28 MS90461B-23-28 M39029/47-311							
	47-314			314							--	MS90461A-23-22 MS90461B-23-22 M39029/47-313							
	47-316			316			BLUE		20	20	--	MS90461A-20-20 MS90461B-20-20 M39029/47-315							
	47-337			337		ORANGE					--	MS9046116-16 MS90461B16-16 M39029/47-336							
	47-339			339					WHITE		12	12			--	MS90461A12-12 MS90461B12-12 M39029/47-338			
48-317	SAE AS 39029/48	CONTACTS,ELECTRICAL CONNECTOR, PIN, CRIMP REMOVABLE,(FOR MIL-DTL-22992 CLASS L CONNECTORS)	317	ORANGE	BROWN	VIOLET	P	6	6	--	MS90559-11	MIL-DTL-22992 (CLASS L)							
48-318			318			GRAY		6N		--	MS90559-12								
48-319			319			WHITE		6G		--	MS90559-14								
48-320			320		RED	BLACK		4	4	--	MS90559-8								
48-321			321			BROWN		4N		--	MS90559-9								
48-322			322			RED		4G		--	MS90559-13								
48-323			323			ORANGE		1/0	1/0	--	MS90559-5								
48-324			324			YELLOW		1/ON		--	MS90559-6								
48-325			325			GREEN		2/0	2/0	--	MS90559-3								
48-326			326			BLUE		2/ON		--	MS90559-4								
48-327			327			VIOLET		4/0	4/0	--	MS90559-1								
48-328			328			GRAY		4/ON		--	MS90559-2								
NOTES:																			
SEE NOTE 4																			
THE USE OF THIS DOCUMENT IS UNLIMITED. HOWEVER, DOCUMENTS REFERENCED HEREON MAY CONTAIN LIMITED RIGHTS DATA.																			
SCALE: DRAWING SCALE REF: N/A SHEET 10 OF 19																			
DOCUMENT NO. M39029/XXX-XXXX				SHEET 10 OF 19				REV. E				M39029/XXX-XXXX DOCUMENT NO.							

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M39029/XXX-XXX	AMPHENOL P/N MILITARY P/N M39029/	SPEC. SHEET REF	DESCRIPTION	BIN CODE	COLOR BANDS			PIN OR SOCKET	POWER CONTACTS		SHIELDED CONTACT CAVITY SIZE	SUPERSEDED MILITARY P/N	CONNECTOR USED WITH (SPECIFICATION)
	1 st				2 nd	3 rd	MATING END SIZE		WIRE BARREL SIZE				
SHEET 11 OF 19	49-329	SAE AS 39029/49	CONTACTS,ELECTRICAL CONNECTOR, SOCKET, CRIMP REMOVABLE, (FOR MIL-DTL-22992 CLASS L CONNECTORS)	329	ORANGE	RED	S	6	6	--	MS90560-7	MIL-DTL-22992 (CLASS L)	
	49-330			ORANGE		S		6G		--	MS90560-8		
	49-331							BROWN		4	--		MS90560-5
	49-332							RED	4G	--	MS90560-9		
	49-333							ORANGE	1/0	1	--		MS90560-3
	49-334			YELLOW		2/0		2/0	--	MS90560-2			
	49-335			GREEN		4/0		4/0	--	MS90560-1			
E	50-340	SAE AS 39029/50	CONTACTS,ELECTRICAL CONNECTOR, PIN, CRIMP REMOVABLE, SHIELDED (FOR MIL-DTL-83733 CONNECTORS)	340	ORANGE	BLACK	P	--	--	12	M83733/13-12		
C	51-341	SAE AS 39029/51	CONTACTS,ELECTRICAL CONNECTOR, SOCKET, CRIMP REMOVABLE, SHIELDED, (FOR MIL-DTL-83733 CONNECTORS)	341		YELLOW	BROWN	S	--		--		M83733/14-12
	54-342	SAE AS 39029/54	CONTACTS,ELECTRICAL CONNECTOR, PIN, CRIMP REMOVABLE, SHIELDED, (FOR MIL-DTL- 26500 AND MIL-DTL-26518 CONNECTORS)	342			RED	P	--		--		MS27184-22P
	54-343			ORANGE					--	--	8		MS27184-20P
	55-344	SAE AS 39029/55	CONTACTS,ELECTRICAL CONNECTOR, SOCKET, CRIMP REMOVABLE, SHIELDED, (FOR MIL-DTL- 26500 AND MIL-DTL-26518 CONNECTORS)	344			YELLOW	S	--	--	12		MS27185-22S
	55-345			GREEN		--	--		8	MS27185-20S			
	56-348	SAE AS 39029/56	CONTACTS,ELECTRICAL CONNECTOR, SOCKET, CRIMP REMOVABLE, (FOR MIL-DTL-38999 SERIES I, III & IV CONNECTORS)	348		GRAY	22		22D	--	MS27490-22D		
	56-349			WHITE	22M	--			MS27490-22M				
56-350	BLACK			22	--	MS7490-22							
56-351	BROWN			20	20	--	MS27490-20						
56-352	RED			16	16	--	MS27490-16						
56-353	ORANGE			12	12	--	MS27490-12						
D	56-527			527	GREEN	RED	VIOLET		10	10	--	--	

-SEE NOTE 4

NOTES:

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SIZE C	CAGE CODE 77820	DOCUMENT NO. M39029/XXX-XXXX	REV. E
E: DRAWING SCALE		REF: N/A	SHEET 11 OF 19

M39029/XXX-XXXX	AMPHENOL P/N MILITARY P/N M39029/		SPEC. SHEET REF	DESCRIPTION	BIN CODE	COLOR BANDS			PIN OR SOCKET	POWER CONTACTS		SHIELDED CONTACT CAVITY SIZE	SUPERSEDED MILITARY P/N	CONNECTOR USED WITH (SPECIFICATION)
	1 st	2 nd				3 rd	MATING END SIZE	WIRE BARREL SIZE						
	57-354	SAE AS 39029/57	CONTACTS,ELECTRICAL CONNECTOR, SOCKET,CRIMP REMOVABLE, (FOR MIL-DTL-24308, MIL-DTL-38999 SERIES II,MIL-DTL-55302/68, /71, /72, /75 & MIL-DTL-83733 CONNECTORS)	354	GREEN	YELLOW	S	22	22D	--	MS27491-22D	MIL-DTL-24308 MIL-DTL-55302/68, /71,/72,&/75 MIL-DTL-38999 (SERIES II) MIL-C-83733		
	57-355			355		GREEN			22M	--	MS27491-22M			
	57-356			356		BLUE			22	--	MS27491-22			
	57-357			357		VIOLET			20	20	--		MS27491-20	
	57-358			358		GRAY			16	16	--		MS27491-16	
	57-359			359		WHITE			12	12	--		MS27491-12	
	58-360	SAE AS 39029/58	CONTACTS,ELECTRICAL CONNECTOR,PIN,CRIMP REMOVABLE, (FOR MIL-DTL-24308, MIL-DTL-38999 SERIES I,II,III,& IV & MIL-DTL-55302/69 & MIL-DTL-83733 CONNECTORS)	360	BLUE	BLACK	P	22	22D	--	MS27493-22D	MIL-DTL-24308 MIL-DTL-55302/69 MIL-DTL-38999 (SERIES I-IV) MIL-DTL-83733		
	58-361			361		BROWN			22M	--	MS27493-22M			
	58-362			362		RED			22	--	MS27493-22			
	58-363			363		ORANGE			20	20	--		MS27493-20	
58-364	364			YELLOW		16			16	--	MS27493-16		MIL-DTL-38999 (SERIES I & III)	
58-365	365			GREEN		12			12	--	MS27493-12			
58-528	528	GREEN	RED	GRAY	10	10	--							
59-366	SAE AS 39029/59	CONTACTS,ELECTRICAL CONNECTOR,SOCKET,CRIMP REMOVABLE,SHIELDED,SIZE 8 (FOR MIL-DTL-38999 SERIES I,III, & IV CONNECTORS)	366	ORANGE	BLUE	S	--	--	8	MS27535	MIL-DTL-24308			
60-367	SAE AS 39029/60	CONTACTS,ELECTRICAL CONNECTOR,PIN,CRIMP REMOVABLE,SHIELDED, (FOR MIL-DTL-24308, MIL-DTL-38999 SERIES I, III, & IV CONNECTORS)	367		BLUE	VIOLET	P	--		--		MS27536		
63-368	SAE AS 39029/63	CONTACTS,ELECTRICAL CONNECTOR,SOCKET,CRIMP REMOVABLE,SHIELDED, (FOR MIL-DTL-24308, CONNECTORS)	368		GRAY	S	20	20		--		M24308/10-1		
64-369	SAE AS 39029/64	CONTACTS,ELECTRICAL CONNECTOR,PIN,CRIMP REMOVABLE, (FOR MIL-DTL-24308, CONNECTORS)	369		WHITE	P				--		M24308/11-1		
69-384	SAE AS 39029/69	CONNECTOR CONTACTS,ELECTRICAL, SOCKET,CRIMP REMOVABLE,FOR SAE AS 85028 CONNECTORS	384		GRAY	YELLOW	S	16	24	--	M39029/69-1	SAE AS 85028(AS)		
69-385			385			GREEN			20	--	M39029/69-2			
69-386			386	BLUE		16			--	M39029/69-3				
NOTES: SEE NOTE 4														
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SCALE: DRAWING SCALE REF: N/A SHEET 12 OF 19														

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M39029/XXX-XXXX DOCUMENT NO	AMPHENOL P/N MILITARY P/N M39029/	SPEC. SHEET REF	DESCRIPTION	BIN CODE	COLOR BANDS			PIN OR SOCKET	POWER CONTACTS		SHIELDED CONTACT CAVITY SIZE	SUPERSEDED MILITARY P/N	CONNECTOR USED WITH (SPECIFICATION)						
	1 st	2 nd			3 rd	MATING END SIZE	WIRE BARREL SIZE												
SHEET 13 OF 19 E REV	70-387	SAE AS 39029/70	CONNECTOR CONTACT, ELECTRICAL PIN, CRIMP REMOVABLE, FOR SAE AS 85028 CONNECTORS.	387	GRAY	VIOLET	P	16	24	--	M39039/70-1	SAE AS 85028(AS)							
	70-388			GRAY		20			--	M39039/70-2									
	70-389			WHITE		16			--	M39039/70-3									
	71-390	SAE AS 39029/71	CONTACTS,ELECTRICAL CONNECTOR,PIN,REMOVABLE, SOLDERLESS WRAP-POST TERMINATION (FOR MIL-DTL-38999 SERIES I, II, III, & IV MIL-DTL-24308, MIL-DTL-83733, & MIL-DTL-55302/69 CONNECTORS)	390	ORANGE	BLACK	P	22	N/A	--	M39039/71-1	MIL-DTL-38999 (SERIES II) MIL-DTL-24308 MIL-DTL-83733							
	71-391			BROWN		--				M39039/71-2									
	71-392			RED		--				M39039/71-3									
	72-393	SAE AS 39029/72	CONTACTS,ELECTRICAL CONNECTOR,SOCKET, REMOVABLE,SOLDERLESS WRAP-POST TERMINATION (FOR MIL-DTL-38999 SERIES I, II, III & IV MIL-DTL-24308, MIL-DTL-83733, & MIL-DTL-55302/68,/71 & /75 CONNECTORS)	393	WHITE	ORANGE	S	22	N/A	--	M39039/72-1	MIL-DTL-38999 (SERIES II) MIL-DTL-55302 /68, /71 &/75 MIL-DTL-24302 /2, /6							
	72-394			YELLOW		--				M39039/72-2									
	72-395			GREEN		--				M39039/72-3									
	72-524			YELLOW		--				--									
	72-525			GREEN		--				--									
	72-526			BLUE		--				--									
73-396	SAE AS 39029/73	CONTACTS,ELECTRICAL CONNECTORS,SOCKET,SOLDER, REMOVABLE,SHIELDED,SIZE 12 (FOR MIL-DTL-83723 SERIES III,MIL-DTL-26482 SERIES 2, MIL-DTL- 83733 & MIL-DTL-83527 CONNECTORS)	396	ORANGE	WHITE	BLUE	--	--	12	M39029/73-12A	MIL-DTL-83723 (SERIES 3)								
73-397			VIOLET			--	--	M39029/73-12C											
73-398			GRAY			--	--	M39029/73-12B											
73-555			GREEN		GREEN	GREEN	--	--											
74-399	SAE AS 39029/74	CONTACTS,ELECTRICAL CONNECTORS,PIN,SOLDER, REMOVABLE,SHIELDED, SIZE 12 (FOR MIL-DTL-83723 SERIES III,MIL-DTL-26482 SERIES 2, MIL-DTL- 83733 & MIL-DTL-83527 CONNECTORS)	399	ORANGE	WHITE	WHITE	P	--	--	M39029/74-12A									
74-400			YELLOW	BLACK	BLACK	--		--	M39029/74-12C										
74-401					BROWN	--		--	M39029/74-12B										
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NOTES:																			
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SHEET 13 OF 19

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M39029/XXX-XXX	AMPHENOL P/N MILITARY P/N M39029/	SPEC. SHEET REF	DESCRIPTION	BIN CODE	COLOR BANDS			PIN OR SOCKET	POWER CONTACTS		SHIELDED CONTACT CAVITY SIZE	SUPERSEDED MILITARY P/N	CONNECTOR USED WITH (SPECIFICATION)		
	1 st				2 nd	3 rd	MATING END SIZE		WIRE BARREL SIZE						
SHEET 14 OF 19	75-416	SAE AS 39029/75	CONTACTS,ELECTRICAL CONNECTOR, SOCKET, CRIMP REMOVEABLE, SHIELDED, SIZE 12 (FOR MIL-DTL- 38999 SERIES I, III, & IV CONNECTORS).	416	YELLOW	BROWN	S	--	--	12	M39029/75-12A	MIL-DTL-38999 (SERIES I, III AND IV)			
	417			VIOLET				--	--		M39029/75-12B				
	418			GRAY				--	--		M39029/75-12C				
	419			WHITE				--	--		M39029/75-12D				
	420			BLACK				--	--		M39029/75-12E				
	75-421			421		BROWN	--	--	M39029/75-12F						
	75-422			422		RED	--	--	M39029/75-12G						
	75-423			423		ORANGE	--	--	M39029/28-12H						
	76-424			SAE AS 39029/76		CONTACTS,ELECTRICAL CONNECTORS, PIN, CRIMP REMOVEABLE, SHIELDED, SIZE 16 (FOR MIL-DTL- 38999 SERIES I, II, III & IV MIL-DTL-24308 CONNECTORS)	424	RED	P	--	--		16	M39029/76-16A	MIL-DTL-38999) (SERIES I, II, III, AND IV)
	425						YELLOW			--	--			M39029/76-16B	
426	GREEN	--	--		M39029/76-16C										
427	BLUE	--	--		M39029/76-16D										
428	VIOLET	--	--		M39029/77-16A										
77-428	SAE AS 39029/77	CONTACTS,ELECTRICAL CONNECTORS, SOCKET, CRIMP REMOVEABLE, SHIELDED, SIZE 16 (FOR MIL-DTL- 38999 SERIES I, III, & IV CONNECTORS).	429	GRAY	--	--	M39029/77-16B								
77-429			WHITE	--	--	M39029/77-16C									
77-430			ORANGE	430	BLACK	--	--	M39029/77-16D							
77-431				431	BROWN	--	--	M39029/78-16A							
78-432	SAE AS 39029/78	CONTACTS,ELECTRICAL CONNECTOR, SOCKET, CRIMP REMOVEABLE, SHIELDED, SIZE 16 (FOR MIL-DTL- 38999 SERIES II & MIL-DTL-24308 CONNECTORS)		432	RED	--	--	M39029/78-16B							
78-433				433	ORANGE	--	--	M39029/78-16C							
78-434			434	YELLOW	--	--	M39029/78-16C								
78-435			435	GREEN	--	--	M39029/78-16D								
79-436			SAE AS 39029/79	CONTACTS,ELECTRICAL CONNECTOR, PIN, CRIMP REMOVEABLE, SHIELDED, (FOR MIL-DTL-28748/9 CONNECTORS)	436	ORANGE	P	--	--	M39029/79-16A	MIL-DTL-28748/9				
79-437	437	BLUE			--			--	M39029/79-16B						

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SIZE C	CAGE CODE 77820	DOCUMENT NO. M39029/XXX-XXXX	REV. E
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M39029/XXX-XXXX	AMPHENOL P/N MILITARY P/N M39029/	SPEC. SHEET REF	DESCRIPTION	BIN CODE	COLOR BANDS			PIN OR SOCKET	POWER CONTACTS		SHIELDED CONTACT CAVITY SIZE	SUPERSEDED MILITARY P/N	CONNECTOR USED WITH (SPECIFICATION)	
	1 st				2 nd	3 rd	MATING END SIZE		WIRE BARREL SIZE					
	80-438	SAE AS 39029/80	CONTACTS,ELECTRICAL CONNECTOR,SOCKET,CRIMP REMOVABLE,SHIELDED,(FOR MIL-DTL-28748/10 CONNECTORS)	438	YELLOW	ORANGE	GRAY	S	--	--	16	M39029/80-16A	MIL-DTL-28748/10	
	80-439			439					WHITE	--		--		M39029/80-16B
	83-450	SAE AS 39029/83	CONTACTS,ELECTRICAL CONNECTOR,PIN,CRIMP REMOVABLE,(FOR MIL-DTL-28840 CONNECTORS)	450	GREEN	BLACK	P		20	22	--	M39029/83-20-22	MIL-DTL-28840	
	83-451			451						BROWN	28	--		M39029/83-20-28
	83-508			508	GREEN	BLACK	GRAY	20		--	M39029/83-20-22			
	84-452	SAE AS 39029/84	CONTACTS,ELECTRICAL CONNECTOR,SOCKET,CRIMP REMOVABLE,(FOR MIL-DTL-28840 CONNECTORS)	452	YELLOW	GREEN	RED	S	22	--	M39029/84-20-22	SAE AS 50151 (SAE AS 34501 SERIES) & MIL-DTL-83723 (SERIES 2)		
	84-453			453					ORANGE	28	--		M39029/84-20-28	
	84-509			509	GREEN	BLACK	WHITE		20	--	--			
	85-454	SAE AS 39029/85	CONTACTS,ELECTRICAL CONNECTOR,PIN,CRIMP REMOVABLE,THERMOCOUPLE (FOR SAE AS 50151, SAE AS 34501 SERIES & MIL-DTL-83723 SERIES II CONNECTORS)	454	YELLOW	GREEN	YELLOW	P	16	16	--		M39029/851616C1	
	85-455			455							GREEN	--	M39029/851616C2	
	85-456			456							BLUE	--	M39029/851616C3	
	85-457			457							VIOLET	--	M39029/851616C4	
	85-458			458			GRAY		12	12	--	M39029/851212C1		
	85-459			459			WHITE				--	M39029/851212C2		
	85-460			460			BLACK				--	M39029/851212C3		
	85-461	461	BROWN	--	M39029/851212C4									
	86-462	SAE AS 39029/86	CONTACTS,ELECTRICAL CONNECTOR,SOCKET,CRIMP REMOVABLE,THERMOCOUPLE (FOR SAE AS 50151, SAE AS 34501 SERIES & MIL-DTL-83723 SERIES II CONNECTORS)	462	YELLOW	BLUE	RED	S	16	16	--	M39029/861616C1		
	86-463			463			ORANGE				--	M39029/861616C2		
	86-464			464			YELLOW				--	M39029/861616C3		
	86-465			465			GREEN				--	M39029/861616C4		
	86-466			466			BLUE		12	12	--	M39029/861212C1		
	86-467			467			VIOLET				--	M39029/861212C2		
	86-468			468			GRAY				--	M39029/861212C3		
	86-469			469		WHITE	--	M39029/861212C4						
	86-510			510		GREEN	BROWN	16S	16	--	--			
	86-511			511						BROWN	--	--		
	86-512			512						RED	--	--		
	86-513	513	ORANGE	--	--									

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SIZE C	CAGE CODE 77820	DOCUMENT NO. M39029/XXX-XXXX	REV. E
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SCALE: DRAWING SCALE

REF:
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M39029/XXX-XXXX DOCUMENT NO	AMPHENOL P/N MILITARY P/N M39029/	SPEC. SHEET REF	DESCRIPTION	BIN CODE	COLOR BANDS			PIN OR SOCKET	POWER CONTACTS		SHIELDED CONTACT CAVITY SIZE	SUPERSEDED MILITARY P/N	CONNECTOR USED WITH (SPECIFICATION)						
					1 st	2 nd	3 rd		MATING END SIZE	WIRE BARREL SIZE									
	87-470	SAE AS 39029/87	CONTACTS,ELECTRICAL CONNECTOR,PIN,CRIMP REMOVABLE, THERMOCOUPLE (FOR MIL-DTL-38999, SERIES I, II, III & IV, MIL-DTL-24308, MIL-DTL-83733)	470	VIOLET		BLACK	P	22	22D	--	M39029/872222C1	MIL-DTL-38999 (SERIES I, II, III AND IV) MIL-DTL-83733						
	471			BROWN			--				M39029/872222C2								
	472			RED			--				M39029/872222C3								
	473			ORANGE			--				M39029/872222C4								
	474			YELLOW			20		20	--	M39029/872020C1								
	475			GREEN						--	M39029/872020C2								
	476			BLUE						--	M39029/872020C3								
	477			VIOLET						--	M39029/872020C4								
	478			GRAY			16		16	--	M39029/871616C1								
	479			WHITE						--	M39029/871616C2								
	480			BLACK						--	M39029/871616C3								
481	BROWN			--						M39029/871616C4									
88-482	SAE AS 39029/88	CONTACTS,ELECTRICAL CONNECTOR, SOCKET, CRIMP REMOVABLE, THERMOCOUPLE (FOR MIL-DTL-38999, SERIES I, III, IV, CONNECTORS)	482	YELLOW	GRAY	RED	S	22	22D	--	M39029/882222C1	MIL-DTL-38999 (SERIES I, III, AND IV) MIL-DTL-83733							
483			ORANGE			--				M39029/882222C2									
484			YELLOW			--				M39029/882222C3									
485			GREEN			--				M39029/882222C4									
486			BLUE			20		20	--	M39029/882020C1	MIL-DTL-38999 (SERIES I, III, AND IV) MIL-DTL-83723								
487			VIOLET						--	M39029/882020C2									
488			GRAY						--	M39029/882020C3									
489			WHITE						--	M39029/882020C4									
490			BLUE		16	16		--	M39029/881616C1	MIL-DTL-38999 (SERIES I, III, AND IV) MIL-DTL-83723									
491			BROWN					--	M39029/881616C2										
492			RED					--	M39029/881616C3										
493			ORANGE					--	M39029/881616C4										
89-494	SAE AS 39029/89	CONTACTS,ELECTRICAL CONNECTOR, SOCKET, CRIMP REMOVABLE, THERMOCOUPLE (FOR MIL-DTL-38999, SERIES II, MIL-DTL-83733 CONNECTORS & MIL-DTL-24308)	494		WHITE	YELLOW		S	22	22D	--	M39029/892222C1	MIL-DTL-38999 (SERIES II)						
495			GREEN			--					M39029/892222C2								
496			BLUE			--					M39029/892222C3								
497			VIOLET			--					M39029/892222C4								
498			GRAY			20			20	--	M39029/892020C1								
499			WHITE							--	M39029/892020C2								
500			BLACK	--						M39029/892020C3									
501			BROWN	--						M39029/892020C4									
502			RED	16		16			--	M39029/891616C1									
503			ORANGE						--	M39029/891616C2									
504			YELLOW		--				M39029/891616C3										
505			GREEN		--				M39029/891616C4										
SEE NOTE 4																			
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M39029/XXX-XXX	AMPHENOL P/N MILITARY P/N M39029/	SPEC. SHEET REF	DESCRIPTION	BIN CODE	COLOR BANDS			PIN OR SOCKET	POWER CONTACTS		SHIELDED CONTACT CAVITY SIZE	SUPERSEDED MILITARY P/N	CONNECTOR USED WITH (SPECIFICATION)			
	1 st	2 nd	3 rd	MATING END SIZE	WIRE BARREL SIZE											
	90-529	SAE AS 39029/90	CONTACT, ELECTRICAL CONNECTOR, CONCENTRIC TWINAX, PIN, SIZE 8	529	GREEN	RED	WHITE	P	--	--	8		MIL-DTL-38999 (SERIES III)			
	91-530	SAE AS 39029/91	CONTACT, ELECTRICAL CONNECTOR, CONCENTRIC TWINAX, SOCKET, SIZE 8	530		ORANGE	BLACK	S	--	--				22	22	--
	92-531	SAE AS 39029/92	CONTACTS,ELECTRICAL CONNECTOR, SOCKET CRIMP REMOVABLE, (FOR MIL-B-6106 AND MIL-DTL-12883/40 AND /41 RELAY SOCKETS)	531			BROWN		22	22	--					
	92-532			532			RED		20	20	--					
	92-533			533			ORANGE		16	16	--					
	92-534			534			YELLOW		16	20	--					
	92-535			535			GREEN		12	12	--					
	92-536	536	BLUE	12		16	--									
	93-539	SAE AS 39029/93	CONTACTS,ELECTRICAL CONNECTOR, PIN, CRIMP REMOVABLE, (FOR MIL-DTL-83527 CONNECTOR)	539		ORANGE	WHITE	P	16	16	--		MIL-DTL-83527			
	93-540			540		YELLOW	BLACK		12	12	--					
93-597	597			WHITE		VIOLET	22		22	--						
93-598	598			WHITE		GRAY	20		20	--						
94-601	SAE AS 39029/94	CONTACTS,ELECTRICAL CONNECTOR,SOCKET,CRIMP REMOVABLE, (FOR MIL-DTL-83527 CONNECTOR).	601	BLUE	BLACK	BROWN	S	22	22	--						
94-602			602			RED		20	20	--						
94-603			603			ORANGE		16	16	--						
94-604			604			YELLOW		12	12	--						
95-545	MIL-C-39029/95	CONTACT,ELECTRICAL CONNECTOR, CONCENTRIC TWINAX, SOCKET SHIELDED, SIZE 8 (FOR MIL-DTL-83527 CONNECTOR).	545	GREEN	YELLOW	GREEN	P	--	--	8						
96-546	MIL-C-39029/96	CONTACT,ELECTRICAL CONNECTOR, CONCENTRIC TWINAX, PIN, SIZE 8 (FOR MIL-DTL-83527 CONNECTOR).	546			BLUE		--	--							
97-547	SAE AS 39029/97	CONTACT,ELECTRICAL CONNECTOR, PIN, CRIMP REMOVABLE, COAXIAL, SIZE 1 (FOR MIL-DTL-83527 CONNECTOR).	547			VIOLET		--	--	1						

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SIZE C	CAGE CODE 77820	DOCUMENT NO. M39029/XXX-XXXX	REV. E
SCALE: DRAWING SCALE		REF: N/A	SHEET 17 OF 19

M39029/XXX-XXXX		DOCUMENT NO.	AMPHENOL P/N MILITARY P/N M39029/	SPEC. SHEET REF	DESCRIPTION	BIN CODE	COLOR BANDS			PIN OR SOCKET	POWER CONTACTS		SHIELDED CONTACT CAVITY SIZE	SUPERSEDED MILITARY P/N	CONNECTOR USED WITH (SPECIFICATION)
							1 st	2 nd	3 rd		MATING END SIZE	WIRE BARREL SIZE			
			98-548	SAE AS 39029/98	CONTACTS,ELECTRICAL CONNECTOR, SOCKET, CRIMP REMOVABLE, COAXIAL, SIZE 1 (FOR MIL-DTL-83527 CONNECTORS)	548	YELLOW	GRAY	S	--	--	1	--	MIL-DTL-83527	
			99-549	SAE AS 39029/99	CONTACTS,ELECTRICAL CONNECTOR, PIN, CRIMP REMOVABLE, COAXIAL, SIZE 5 (FOR MIL-DTL-83527 CONNECTORS)	549		WHITE	P	--	--	5	--		
SHEET 18 OF 19			100-550	SAE AS 39029/100	CONTACTS,ELECTRICAL CONNECTOR, SOCKET, CRIMP REMOVABLE, COAXIAL, SIZE 5 (FOR MIL-DTL-83527 CONNECTORS)	550	GREEN	BLACK	S	--	--		--	--	MIL-DTL-12883 /44, /45, /46
REV. E			101-551	SAE AS 39029/101	CONTACTS,ELECTRICAL CONNECTOR, SOCKET, CRIMP REMOVABLE, (FOR MIL-DTL-12883/44, MIL-DTL-12883/45, AND MIL-DTL-12883/46 AND MIL-PRF-6106/23 RELAY SOCKETS)	551		BROWN		22	28	--	--		
C			101-552			552		RED		22	22	--	--		
			101-553			553		ORANGE		20	20	--	--		
			101-554			554		YELLOW	16	16	--	--			
			102-558	SAE AS 39029/102	CONTACTS,ELECTRICAL CONNECTOR, PIN, CRIMP REMOVABLE,COAXIAL SIZE 12 (FOR MIL-DTL-38999 SERIES I, II, III & IV CONNECTORS)	558	GREEN	GRAY	P	--	--	12	--	MIL-DTL-28840 (SERIES I, II, III, IV)	
			103-559	SAE AS 39029/103	CONTACTS,ELECTRICAL CONNECTOR, SOCKET, CRIMP REMOVABLE,COAXIAL,SIZE 12, (FOR MIL-DTL-38999 SERIES I, III AND IV CONNECTORS)	559		WHITE	S	--	--	--	MIL-DTL-28840 (SERIES I, III, AND IV)		
			104-556	SAE AS 39029/104	CONTACTS,ELECTRICAL CONNECTOR, CONCENTRIC TWINAX, PIN, SHIELDED SIZE 8 (FOR MIL-DTL-28840)	556	GREEN	GREEN	BLUE	P	--	--	8	--	MIL-DTL-28840
			105-557	SAE AS 39029/105	CONTACTS,ELECTRICAL CONNECTOR, CONCENTRIC TWINAX, SOCKET, SHIELDED SIZE 8 (FOR MIL-DTL-28840)	557	GREEN	GREEN	VIOLET	S	8	8			
B			106-614	SAE AS 39029/106	CONTACTS,ELECTRICAL CONNECTOR, SOCKET, CRIMP REMOVABLE, (FOR MIL-DTL-38999 SERIES I, III & IV AND SAE AS 29600 SERIES A CONNECTORS)	614	BLUE	BROWN	YELLOW		22	22D	--		
			106-615			615			GREEN		20	20	--		
			106-616			616			BLUE		16	16	--		
			106-617			617			VIOLET		12	12	--		
			106-618			618			GREEN		10	10	--		
			107-620	SAE AS 39029/107	CONTACTS,ELECTRICAL CONNECTOR, PIN, CRIMP REMOVABLE, (FOR MIL-DTL-38999 SERIES I, III & IV AND SAE AS 29600 SERIES A CONNECTORS)	620	BLUE	RED	BLACK	22	22D	--			
			107-621			621			BROWN	20	20	--			
			107-622			622			RED	16	16	--			
			107-623			623			ORANGE	12	12	--			
			107-624			624			YELLOW	10	10	--			

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SIZE C	CAGE CODE 77820	DOCUMENT NO. M39029/XXX-XXXX	REV. E
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SCALE: DRAWING SCALE

REF:
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REV. E

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DOCUMENT NO.

M39029/XXX-XXXX

SHEET 19 OF 19

REV. E

AMPHENOL P/N

MILITARY P/N

M39029/

SPEC. SHEET

REF

DESCRIPTION

BIN

CODE

COLOR BANDS

PIN

OR

SOCKET

POWER

CONTACTS

MATING

END

SIZE

WIRE

BARREL

SIZE

SHIELDED

CONTACT

CAVITY

SIZE

SUPERSEDED

MILITARY

P/N

CONNECTOR

USED WITH

(SPECIFICATION)

113-625

113-626

114-628

114-629

SAE AS 39029/113

SAE AS 39029/114

CONTACTS,ELECTRICAL CONNECTOR,
CONCENTRIC TWINAX, PIN, SIZE 8
(FOR MIL-DTL-38999 SERIES I, III & IV)

CONTACTS,ELECTRICAL CONNECTOR,
CONCENTRIC TWINAX, SOCKET, SIZE 8
(FOR MIL-DTL-38999 SERIES I, III & IV)

625

626

628

629

1st

2nd

3rd

P

S

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8

8

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MIL-DTL-38999
SERIES I,
III & IV

MIL-DTL-38999
SERIES I,
III & IV

STAMP "AMPHENOL CONTACTS", AMPHENOL PART NUMBER,
MILITARY PART NUMBER, 1ST SUPERSEDED MILITARY PART NUMBER
AND LOT TRACEABILITY NUMBER

EXAMPLE

AMPHENOL CONTACTS
10-251415-165
M39029/58-364
MS27493-16
113198080

(.250)

(1.900)

MIL SPEC CONTACT LABEL

PRINTED DATA- MUST BE WATER SOLUBLE SULFUR FREE INK.

LABEL MATERIAL- IF PLACED IN VIAL WITH CONTACTS, MUST
BE SILVER SAVER ANTI-TARNISH PAPER.

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SIZE

CAGE CODE

DOCUMENT NO.

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SCALE: DRAWING SCALE

REF:
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