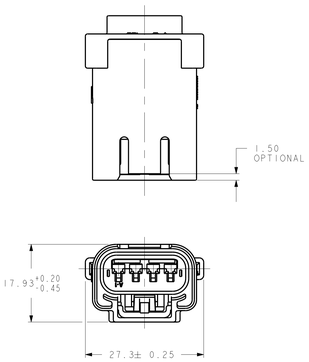
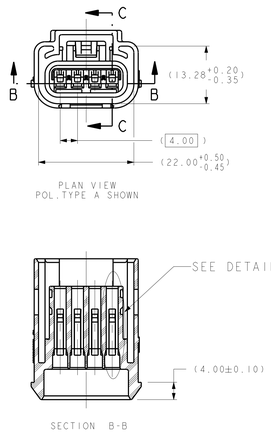
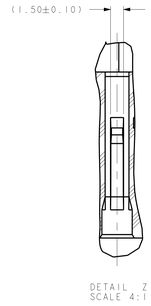
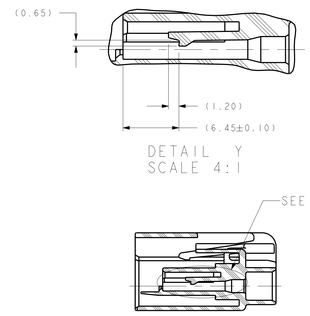
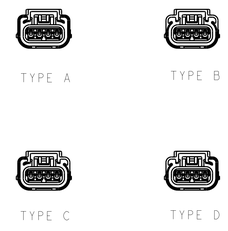




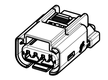




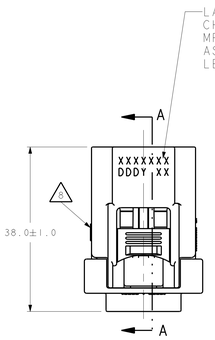
INSULATOR VIEWS
(FOR REFERENCE ONLY)

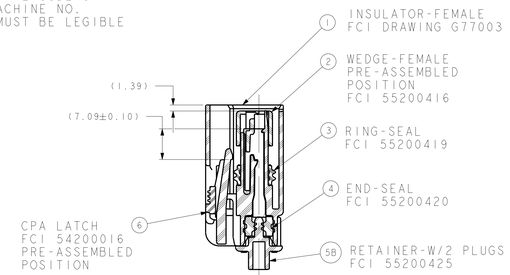


POLARIZATION OPTIONS
SCALE 1:1

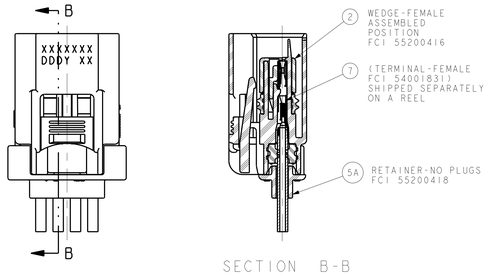


SCALE 1:1

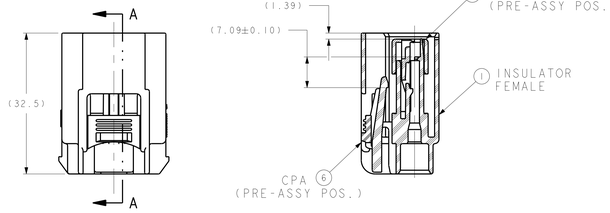




SECTION A-A
SEALED ASSEMBLY VIEW
FOR REFERENCE ONLY

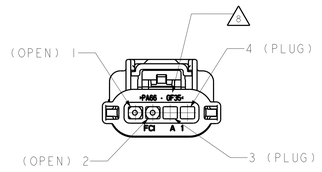


SECTION B-B
SEALED ASSEMBLY VIEW
FOR REFERENCE ONLY

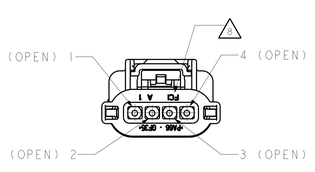


SECTION A-A

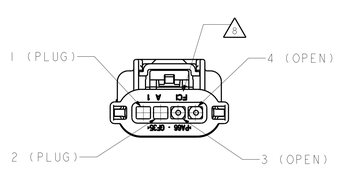
UNSEALED ASSEMBLY VIEW



#1 SRS OPTION
CIRCUIT #1 & 2 OPEN
CIRCUIT #3 & 4 PLUGGED
(UNSEALED ALL CAVITIES OPEN)



#2 SRS OPTION
ALL CIRCUITS OPEN
(UNSEALED ALL CAVITIES OPEN)



#3 SRS OPTION
CIRCUIT #1 & 2 PLUGGED
CIRCUIT #3 & 4 OPEN
(UNSEALED ALL CAVITIES OPEN)

54550410	A	54550421	#3	W/CLIP	NO	BRT YELLOW
54550411	B	54550418	#1	W/CLIP	NO	LT YELLOW
54550410	A	54550414	#1	W/CLIP	NO	BRT YELLOW
54550411	B	F288110	#2	W/O CLIP	NO	LT YELLOW
		54550417		W/CLIP		
54550410	A	F188110	#2	W/O CLIP	NO	BRT YELLOW
		54550413		W/CLIP		
54550405	B	F088110	#1	W/O CLIP	YES	LT YELLOW
		54550412		W/CLIP		
54550408	B	F978110	#2	W/O CLIP	YES	LT YELLOW
		54550407		W/CLIP		
54550406	A	F878110	#1	W/O CLIP	YES	BRT YELLOW
		54550409		W/CLIP		
54550415	A	F778110	#2	W/O CLIP	YES	BRT YELLOW
		54550416		W/CLIP		
54550420	A	F398110	#3	W/O CLIP	YES	BRT YELLOW
		54550419		W/CLIP		
55200433	D	55200437		IN-LINE	NO	NATURAL
55200432	C	55200436		IN-LINE	NO	DK GRAY
55200431	B	55200435		IN-LINE	NO	END SEAL
55200430	A	55200434		IN-LINE	NO	BLACK
55200403	D	55200407		IN-LINE	YES	NATURAL
55200402	C	55200406		IN-LINE	YES	DK GRAY
55200401	B	55200405		IN-LINE	YES	LT GRAY
55200400	A	55200404		IN-LINE	YES	BLACK
FEMALE ASSY	POL	MALE ASSY	SRS OPTION	ASSEMBLY TYPE	SLD	COLOR

MATING PART NUMBER CHART

CHART- ASSEMBLY PART NUMBERS											
UN-SEALED				SEALED							
IN-LINE				SRS APPLICATION					IN-LINE		
55200430	55200431	55200432	55200433	54550411	54550410	54550405	54550408	54550406	54550415	54550420	55200400	55200401	55200402	55200403

REQUIRED						REQUIRED									ITEM	FCI P/N'S	PART NAME	COLOR	MATERIAL
					1				1	1	1					1	55200412	INS POL TYPE "A"	BRT YELLOW	A3EG7
				1			1	1								1	55200413	INS POL TYPE "B"	LT YELLOW	A3EG7
												1				1	55200408	INS POL TYPE "A"	BLACK	A3EG7
													1			1	55200409	INS POL TYPE "B"	LT.GRAY	A3EG7
			1											1		1	55200410	INS POL TYPE "C"	DK.GRAY	A3EG7
				1											1	1	55200411	INS POL TYPE "D"	NATURAL	A3EG7
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	55200416	WEDGE-FEMALE	ROYAL BLUE	A3EG7
						1	1	1	1	1	1	1	1	1	1	3	55200419	RING SEAL	BRT RED	SILICONE
						1	1	1	1	1	1	1	1	1	1	4	55200420	END SEAL	BURNT ORANGE	SILICONE
						1(2)		1(2)				1	1	1	1	5A	55200418	RETAINER - NO PLUGS	NATURAL	A3EG7
					1(1)		1(1)		1(3)							5B	55200425	RETAINER WITH TWO PLUGS SEE ASSY OPTION 1 & 3 FOR PLUGS LOCATION	BLACK	A3EG7
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6	54200016	CPA LATCH	RED	A3EG7
3	3	3	3	1	1	1	1	1	1	1	1	3	3	3	3	CONN ASSY TEMPERATURE CLASS PER SAE/USCAR-2 REV 5				
C	C	C	C	C	A	C	C	A	A	D	B	C	C	C		PART CHANGE LEVEL (PCL)				

NOTES:

△1 QUALITY ASSURANCE REQUIREMENTS PER CHRYSLER PS-7300 SPC DATE REQUIRED

◇ DIMENSIONAL OR PROCESS PARAMETERS PERMISSIBLE

△2 ENGINEERING APPROVAL OF SUPPLIER SAMPLES IS REQUIRED PRIOR TO AUTHORIZATION OF PART PRODUCTION

△3 CHANGES IN DESIGN COMPOSITION OR PROCESSING FROM THE PART PREVIOUSLY APPROVED FOR PART PRODUCTION REQUIRES PRIOR ENGINEERING APPROVAL

△4 WIRING FABRICATIONS MUST SPECIFY PROPER INSULATION TYPE FOR TEMPERATURE CLASS THE CONNECTOR SYSTEM IS USED FOR

△5 ALL THE SEALED CONNECTOR APPLICATIONS MUST BE USED WITH CHRYSLER WIRE SPECIFICATION MS8288, MS9502 OR MS7889 20, 18, OR 16 GAGE WIRES ONLY UNLESS OTHERWISE SPECIFIED (WIRE INSULATIONS Ø1.50 MINIMUM TO Ø2.41 MAXIMUM)

△6 ALL NON-SEALED APPLICATIONS MAY BE USED WITH ANY WIRE INSULATION 22 GAGE THROUGH 14 GAGE (EXCEPT AS NOTED) PROVIDING THAT A TERMINAL GRIP FOR THAT CORE/INSULATION COMBINATION IS SHOWN ON THE FEMALE TERMINAL DRAWING

MAXIMUM INSULATION CRIMP WIDTH = 3.30
MAXIMUM INSULATION CRIMP HEIGHT = 2.80
MAXIMUM INSULATION DIAMETER = 2.65

△7 TEST METHOD PER SAE/USCAR-2 REV 5 CONNECTOR ENGAGE & DIS-ENGAGE WITH LATCH DEPRESSED FORCE NOT TO EXCEED 75N FOR THIS SYSTEM.

CPA SEATING FORCES - 40N MAXIMUM

WEDGE SEATING FORCES- 75N MAXIMUM

△8 SUPPLIER, MOLD & CAVITY I.D. SIGNIFIES TOOL OWNERSHIP, FOR REFERENCE

△9 ANNUAL QUALITY REQUIREMENTS:
IT IS PERMISSIBLE TO PERFORM CONTINUOUS CONFORMANCE PER FCI SPECIFICATION #AQA-001 INSTEAD OF ANNUAL LAYOUT & ANNUAL PV REQUIREMENTS OF QS 9000 SECTION 2 & SAE/USCAR-2 REV 5

ALL NON-REFERENCE DIMENSIONS ARE REQUIRED

△10 MUST CONFORM TO THE FOLLOWING CHRYSLER/YNA STANDARDS:

SAE/USCAR-2 REV 3 EXCEPT AS NOTED ABOVE
PS- 7300 QUALITY ASSURANCE (CHRYSLER)
PS- 4480- CEK- 4 (CHRYSLER) PART I.D. (G- 009- 2 YNA)
PS- 9227 DATA EXCHANGE (CHRYSLER), (G- 009- 7 YNA)
PS- 10052 INFORMATION SECURITY (CHRYSLER)

△11 USE WITH: CAVITY PLUG- FCI P/N 54399002 WHEN REQUIRED
USE WITH 1.5MM APEX FEMALE TERMINAL SEE C18001-CUST
TERMINAL IS SYMMETRICAL AROUND CENTERLINE HAS 180° ORIENTATION CAPABILITY

△12 RETAINER P/N 55200425 IS NOT POLORIZED AND IT MUST HAVE PROPER PLUG LOCATION FOR SINGLE SHORTING CLIP OR 2-WAY APPLICATION SEE SAFETY RESTRAINT SYSTEM (SRS) OPTION VIEWS AND CHART

11964	8-15-11	E	D23,G22 B9	MATING P/N CHART UPDATED SRS OPTION WAS SHORTING BAR OPTION NOTE 12 REVISED	RA	SSS	SSS
10380	5-15-08	D2	E22	MATING P/N CHART UPDATED FOR 54550431 WAS UNSEALED WITH CIRCUIT #3 IS 2&4 SHORTED POL A BRT YELLOW. RETAINER IN OPTION #1 WITH CORRECTED, ADDED UNSEALED ALL CAVITIES OPEN.	RA	SSS	SSS
10054	11-30-07	D1	O20 L20	OPTIONAL ADDED TO 1.50 DIMENSION. OPTIONAL REMOVED FROM PART ID NOTE	RA	SSS	SSS
9820	9-17-07	D	E15,C22	P/N 54550420 X MATING P/N CHART ADDED.	DRK	SSS	SSS
8705	8-8-06	C	C6,C4	REVISED & REDRAWN ON NEW FCI TITLE BLOCK. IN-LINE ASSEMBLY NEW P/N's ADDED & CHART UPDATED. SEE REV 'B' FOR PREVIOUS CHANGES. SHORTING BAR INSULATOR COLORS REVISED	DRK	SSS	SSS
ECN-NUMBER	DATE M-D-Y	REVISION	ZONE	CHANGE DESCRIPTION	DRAWN BY	CHK. BY	APPR. BY

PRODUCT SPEC: 1.50MM APEX
PACKAGING SPEC: -
APPLICATION SPEC: -

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TOLERANCES: 1 PLACE DEM ± 0.25; 2 PLACE DEM ± 0.10; ANGLES DEM ±2°
MATERIAL: SEE CHART
SURFACE FINISH: -
CONTAINMENT NO.: G77002
COLOR: SEE CHART
DIMENSION IN MILLIMETERS
DO NOT SCALE DRAWING
TOOL NO.: A-111
ECO Lvl. Code: NA
CAD SYSTEM: pro / eng
3RD ANGLE
SHT SIZE: A0
SHEET: 1 / 1

	DATE	NAME
DRAWN	07-31-06	RAJKUMAR
CHECKED	07-31-06	SUCHA SIAN
APPROVED	07-31-06	SUCHA SIAN

TITLE: CHART-ASSY.SEALED/UNSEALED 4-WAY FEMALE SHORTING-BAR/IN-LINE (1.50 IN-LINE APEX CONNECTOR SYSTEM)

DRAWING NUMBER: G77001

USR NO. USA-6243/5783 EXT. NO. - FILE NAME: G77001 SCALE 2:1

Общество с ограниченной ответственностью «МосЧип» ИНН 7719860671 / КПП 771901001
Адрес: 105318, г.Москва, ул.Щербаковская д.3, офис 1107

Данный компонент на территории Российской Федерации

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Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

http://moschip.ru/get-element

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Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

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Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

Офис по работе с юридическими лицами:

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: info@moschip.ru

Skype отдела продаж:
moschip.ru
moschip.ru_4
moschip.ru_6
moschip.ru_9