



MATING PART NUMBER CHART

UNSEALED	SEALED	N/A	UNSEALED	SEALED	N/A
UNSEALED 54200404N	N/A	N/A	54200424, 54200408	N/A	N/A
SEALED 54200404	C 56038053	5420040424, 54200408	C 56042179, 56038055		
SEALED 54200412N	N/A	54200416	N/A		
SEALED 54200412	C 04707264	54200418	C 04707380		
SEALED F915600	N/A	F225600	N/A		
UNSEALED 54200403N	N/A	54200407	N/A		
UNSEALED 54200403	C 56038193	54200407	C 56038194		
SEALED 54200411N	N/A	54200415	N/A		
SEALED 54200411	C 04707263	54200415	C 04707379		
SEALED 55200428	N/A	54200429	N/A		
SEALED F815600	N/A	F125600	N/A		

ASSEMBLY PART NUMBER CHART

UNSEALED	SEALED	ASSEMBLY PART NOS. (SEALED)
W/O CPA	W/CPA	55200445
W/O CPA	W/CPA	F715600
W/O CPA	W/CPA	F915600
W/O CPA	W/CPA	F915600
W/O CPA	W/CPA	F915600

		CLASS 3						CLASS 4									
ITEM	FCI P/N	CUSTOMER P/N	COLOR	PART NAME (MAT'L)	INDEX	FCI P/N	COLOR	REQUIRED	ITEM	FCI P/N	CUSTOMER P/N	COLOR	PART NAME (MAT'L)	INDEX	FCI P/N	COLOR	REQUIRED
1	54200431	04707186	BLK	INSULATOR-FEMALE (PA66 GF)	A	55200442	BLACK	I	1	54200435	04688853	LT GRY	INSULATOR-FEMALE (PA66 GF)	B	F325600	BLACK	I
2	54200433	04707188	DK GRY	INSULATOR-FEMALE (PA66 GF)	C	F425600	BLACK	I	2	54200434	04707189	NATURAL	INSULATOR-FEMALE (PA66 GF)	D	F525600	BLACK	I
3	54200442	04707540	AQUA	WEDGE-FEMALE (PA66 GF)		55200443	NATURAL	I	3A	54200459	04707191	RED	RING SEAL; (SILICONE)		*55200444	DK BLU	I
3A	54200449	N/A	GRN	RING SEAL; (FLUOROSILICONE)				I	3B	54200449	N/A	GRN	RING SEAL; (FLUOROSILICONE)				I
4	54200428	N/A	LT BLU	END SEAL; (SILICONE)		*55200439	DK BLU	I	4	54200428	N/A	LT BLU	END SEAL; (SILICONE)				I
4A	54200429	N/A	BURNT ORG	END SEAL; (SILICONE)				I	4A	54200461	N/A	BRT RED	END SEAL; (SILICONE) HYBRID				I
4A	54200461	N/A	BRT RED	END SEAL; (SILICONE) HYBRID				I	4A	54200469	N/A	LT GRY	END SEAL; (SILICONE) HYBRID				I
4B	54200458	N/A	BRT YEL	END SEAL; (SILICONE)/W/O HOLES				I	4B	54200458	N/A	BRT YEL	END SEAL; (SILICONE)/W/O HOLES				I
5	54200440	N/A	BLK	RETAINER; (PA66 GF)		55200438	NATURAL	I	5	54200440	N/A	BLK	RETAINER; (PA66 GF)				I
6	54200003	04687739	RED	CPA LATCH; (PA66 GF)		54200008	NATURAL	I	6	54200003	04687739	RED	CPA LATCH; (PA66 GF)				I
6A	54200006	04707429	LT GRY	CPA WITH ARM EXTENSION				I	6A	54200006	04707429	LT GRY	CPA WITH ARM EXTENSION				I
4 4 4 4	CONNECTOR ASSEMBLY TEMPERATURE CLASS PER SAE/USCAR-2 REV 5																
4 4 4 4	PART CHANGE LEVEL (PCL)																
W W W W	WIRE GAUGE																
20 TO 14	WIRE GAUGE																

NOTES:

- QUALITY ASSURANCE REQUIREMENTS PER CHRYSLER PS-7300: 1 SPC DATA REQUIRED
- ENGINEERING APPROVAL OF SUPPLIER SAMPLES IS REQUIRED PRIOR TO AUTHORIZATION OF PART PRODUCTION
- CHANGES IN DESIGN COMPOSITION OR PROCESSING FROM THE PART PREVIOUSLY APPROVED FOR PART PRODUCTION REQUIRES PRIOR ENGINEERING APPROVAL
- WIRING FABRICATORS MUST PURCHASE FROM SOURCES SHOWN
- ALL THE SEALED CONNECTOR APPLICATIONS MUST BE USED WITH CHRYSLER WIRE SPEC. MS-8288 OR MS-9502 THIN WALL X-LINK 20, 18, 16, 14, 12 & 10 GAGE WIRES ONLY UNLESS OTHERWISE SPECIFIED SEE CHART (WIRE INSULATIONS Ø 1.70 TO Ø 4.09)
- ALL NON-SEALED APPLICATIONS MAY BE USED WITH ANY WIRE INSULATION 22 GAGE THROUGH 10 GAGE (EXCEPT AS NOTED) PROVIDING THAT A TERMINAL GRIP FOR THAT CORE/INSULATION COMBINATION IS SHOWN ON THE FEMALE TERMINAL DRAWING

MAX. INSULATION CRIMP WIDTH = 4.50
 MAX. INSULATION CRIMP HEIGHT = 4.50
 MAX. INSULATION DIA. = 4.09 (10 GA THIN WALL)

- MUST BE USED WITH FLUOROSILICONE END SEAL FCI P/N 54200430, RETAINER & PROPER GAGE TEFLON WIRES FOR METHANOL OR DIESEL FUEL APPLICATIONS
- USE WITH CAVITY PLUG FCI P/N 54200005, WHEN REQ'D USE WITH 2.80MM APEX FEM, TERM. PER C15004-CUST SYMMETRICAL ABOUT CENTERLINE FOR 180° ORIENTATION
- TEST METHOD PER SAE/USCAR-2 REV. 5, CONNECTOR ENGAGE & DISENGAGE WITH LATCH DEPRESSURED FORCE NOT TO EXCEED 75N FOR THIS SYSTEM

CPA SEATING FORCES - 40N MAXIMUM
 WEDGE SEATING FORCES - 100N MAXIMUM

- SUPPLIER, MOLD & CAVITY I.D. MUST BE LEGIBLE

- ANNUAL QUALITY REQUIREMENTS: IT IS PERMISSIBLE TO PERFORM CONTINUOUS CONFORMANCE PER FCI SPECIFICATION (ANNEX A) FOR ANNUAL LAYOUT & ANNUAL PV REQUIREMENTS OF QS-9000 SECTION 2 & PF-9600

ALL NON-REFERENCE DIMENSIONS ARE REQUIRED

- USE INDEX A, BLACK SEALED AND UNSEALED FOR ALL AFFECTED INSULATOR CAVITIES
- CURRENT PRODUCTION TOOLING
- POINT OF LAST RUN

SERVICE TOOLING GUIDE INFORMATION PER APEX TRAINING MANUAL

- MUST CONFORM TO THE FOLLOWING CHRYSLER/YNA STANDARDS:

- PF-9600 PERFORMANCE (CHRYSLER) EXCEPT AS NOTED ABOVE
- PS-1300 QUALITY ASSURANCE (CHRYSLER)
- PS-4480-CEK-4 (CHRYSLER) PART I.D. (G-009-3 YNA)
- PS-9065 REGRIND (CHRYSLER), (G-009-3 YNA)
- PS-9227 DATA EXCHANGE (CHRYSLER), (G-009-3 YNA)
- PS-110052 INFORMATION SECURITY (CHRYSLER)

- THIS DRAWING (H59003) REPLACES CHRYSLER DRAWING NUMBER 0470254 LEVEL "R"
- FCI P/N WITH SUFFIX "N" DESIGNATES ASSEMBLIES W/O CPA
- P/N'S WITH BURNT ORANGE END SEAL CAN BE USED WITH 12 OR 14 GAGE IN ANY COMBINATION OR ORDER OR WITH THREE 12 GAGE AND ONE 18 GAGE OR ONE 16 GAGE WIRE (ONE END)

12-00340	F16	ADDN P/N F512310 FOR YAZAKI PLUS APPLICATION, P/N F51310
11-00313	E19	MATERIAL PAGE GF WAS (N10N) & PLAN VIEW ADDD FOR CIRCUIT LOCATIONS ADDED
11930	E16	P/N BUST-14A584-AA FOR FORD DELETE CAP PLUS APPLICATION POL TYPE B
	E16	REVISED AND REDRAWN IN PGS SEE REV X FOR PREVIOUS CHANGES.
		P/N F53011 AND GM P/N 1358477 W/END CAP ADDED
REV. NO.	DATE	DESCRIPTION
1	11/23/03	ISSUE FOR CONTROL
2	03/04/04	ADDN P/N F512310 FOR YAZAKI PLUS APPLICATION, P/N F51310
3	05/16/04	MATERIAL PAGE GF WAS (N10N) & PLAN VIEW ADDD FOR CIRCUIT LOCATIONS ADDED
4	11/19/04	P/N BUST-14A584-AA FOR FORD DELETE CAP PLUS APPLICATION POL TYPE B
5	11/19/04	REVISED AND REDRAWN IN PGS SEE REV X FOR PREVIOUS CHANGES. P/N F53011 AND GM P/N 1358477 W/END CAP ADDED

PROJECT SPEC: 638004, H59012

DATE: 11/23/03

TIME: 11:55 AM

DRAWING NUMBER: CHART, ASSEMBLY

PROJECT: 4WAY FEMALE

SHEET: 1

OF: 2

SCALE: 1:1

DATE: 11/23/03

BY: [signature]

CHECKED: [signature]

DESIGNED: [signature]

DRAWING NUMBER: H59003

SHEET: AB

OF: 2

DATE: 11/23/03

BY: [signature]

CHECKED: [signature]

DESIGNED: [signature]

DRAWING NUMBER: 280MM APEX CONNECTOR SYSTEM

SHEET: 1

OF: 1

DATE: 11/23/03

BY: [signature]

CHECKED: [signature]

DESIGNED: [signature]

DRAWING NUMBER: H59003

SHEET: AB

OF: 2

DATE: 11/23/03

BY: [signature]

CHECKED: [signature]

DESIGNED: [signature]

DRAWING NUMBER: 280MM APEX CONNECTOR SYSTEM

SHEET: 1

OF: 1

DATE: 11/23/03

BY: [signature]

CHECKED: [signature]

DESIGNED: [signature]

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Automotive Connectors](#) category:

Click to view products by [APTIV](#) manufacturer:

Other Similar products are found below :

[003-018-000](#) [60403001](#) [60993906-B](#) [629515004020001](#) [M902-2131](#) [M902-2161](#) [72.330.1035.1](#) [73.353.4028.0](#) [F119300-B](#) [F166900](#)
[F258300-B](#) [F358300-B](#) [F407400](#) [F444110](#) [F487000](#) [F509500B-B](#) [827153-1](#) [8N1515-32-24P](#) [9-1326729-8](#) [925474-1](#) [928905-1](#) [964562-4](#)
[968782-1](#) [GT17SA-8DS-HU](#) [98891-1012](#) [98947-1016](#) [12004475-L](#) [12010290](#) [12010309-B](#) [12015454](#) [12020219-B](#) [12020308](#) [12041318-B](#)
[12052225-L](#) [12052466](#) [12059125](#) [12064869](#) [12004327-B](#) [12010503-B](#) [12015308](#) [12015384](#) [12015909](#) [1-21030-1](#) [12041254](#) [12041318](#)
[12047946-B](#) [12047957](#) [12047957-L](#) [12059473](#) [12066261](#)