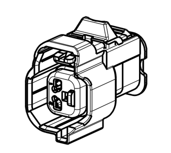
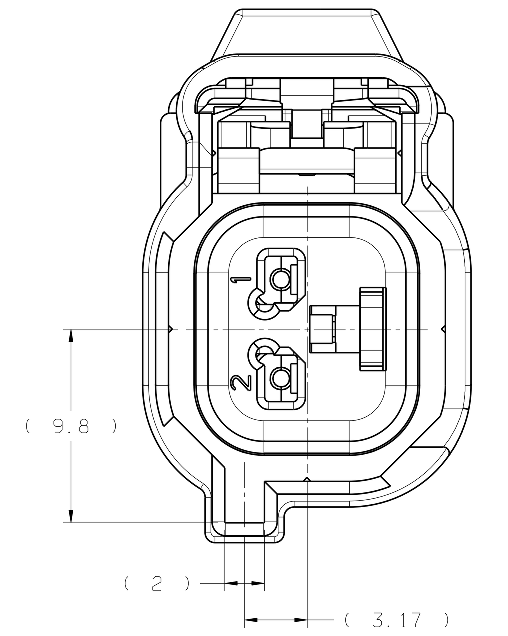




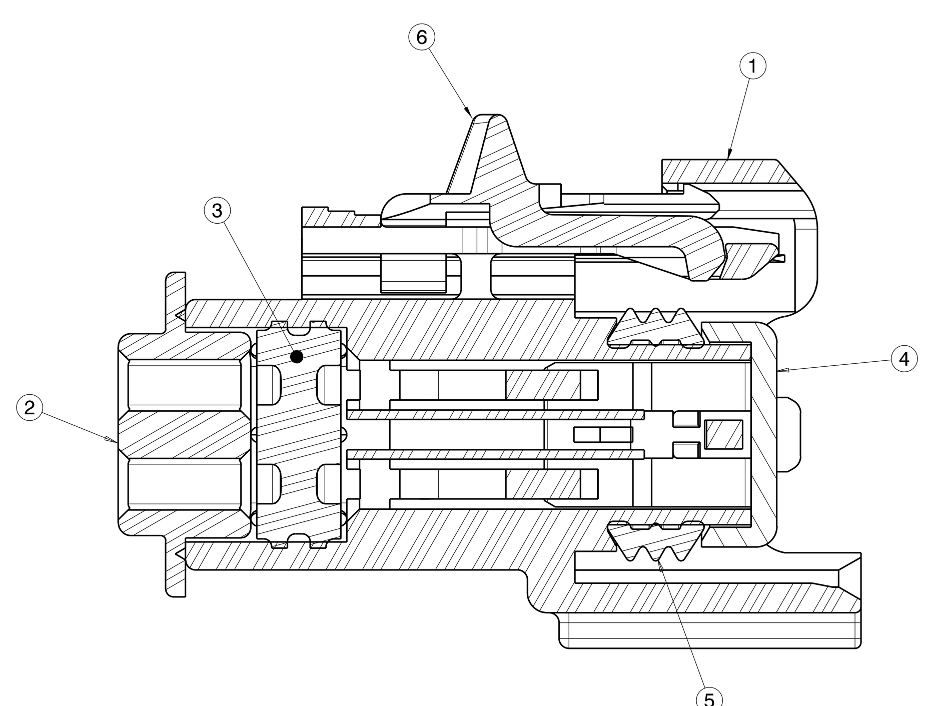
KEY OPTION "C"
HOUSING COLOR: DARK GRAY
P/N 04868347AA

FUEL INJECTION CONNECTOR ASSEMBLY COMPONENTS LIST
CHRYSLER ASSEMBLY NUMBER: 04868346AA
(MOLEX CORP-VENDOR NUMBER: 85397, ASSY NUMBER: 33195-0002)

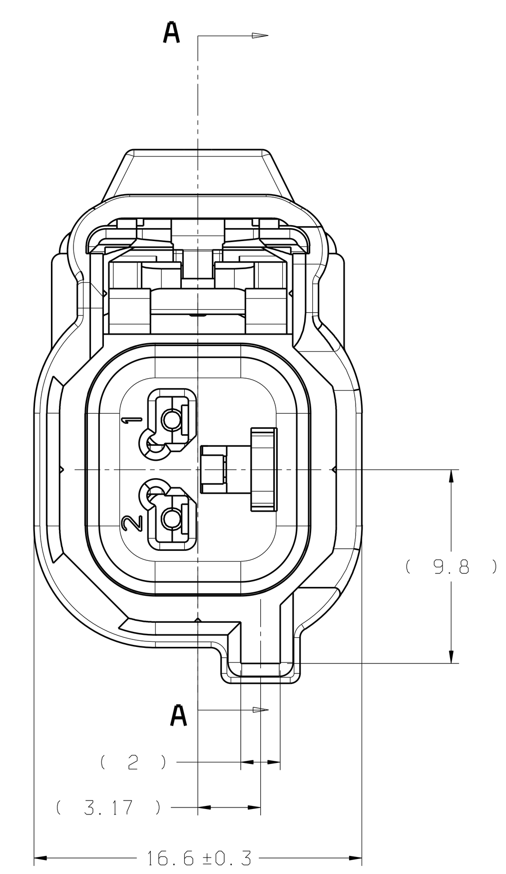
ITEM #	QTY	MOLEX PART #	CHRYSLER PART #	DESCRIPTION	MATERIAL
1	1	33195-0003	N/A	HOUSING	ZYTEL DMX 61G15H GBY694 OR 65G15AH (LT GRAY)
2	1	33209-0001	4793198	GROMMET CAP	ZYTEL DMX 61G15H OR 65G15AH BK407
3	1	33019-0023	4793197	GROMMET	SICICONE_30 DURO (BURNT ORANGE)
4	1	33208-0001	4793195	INSERT	ZYTEL DMX 61G15H OR 65G15AH NC010
5	1	33019-0020	4793196	SEAL-PERIMETER	SILICONE_50 DURO (BLUE)
6	1	33199-0001	4793199	C.P.A.	NORYL_GTX 810 (RED)

FUEL INJECTION CONNECTOR ASSEMBLY COMPONENTS LIST
CHRYSLER ASSEMBLY NUMBER: 04868347AA
(MOLEX CORP-VENDOR NUMBER: 85397, ASSY NUMBER: 33196-0002)

ITEM #	QTY	MOLEX PART #	CHRYSLER PART #	DESCRIPTION	MATERIAL
1	1	33196-0003	N/A	HOUSING	ZYTEL DMX 61G15H GBY695 OR 65G15AH(DK GRAY)
2	1	33209-0001	4793198	GROMMET CAP	ZYTEL DMX 61G15H OR 65G15AH BK407
3	1	33019-0023	4793197	GROMMET	SICICONE_30 DURO (BURNT ORANGE)
4	1	33208-0001	4793195	INSERT	ZYTEL DMX 61G15H OR 65G15AH NC010
5	1	33019-0020	4793196	SEAL-PERIMETER	SILICONE_50 DURO (BLUE)
6	1	33199-0001	4793199	C.P.A	NORYL GTX 810 (RED)

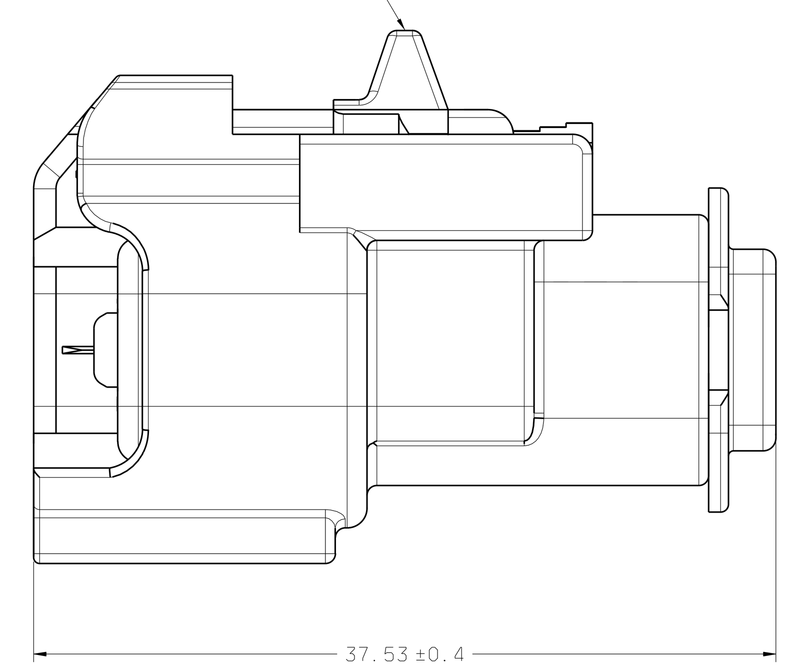


SECTION A-A



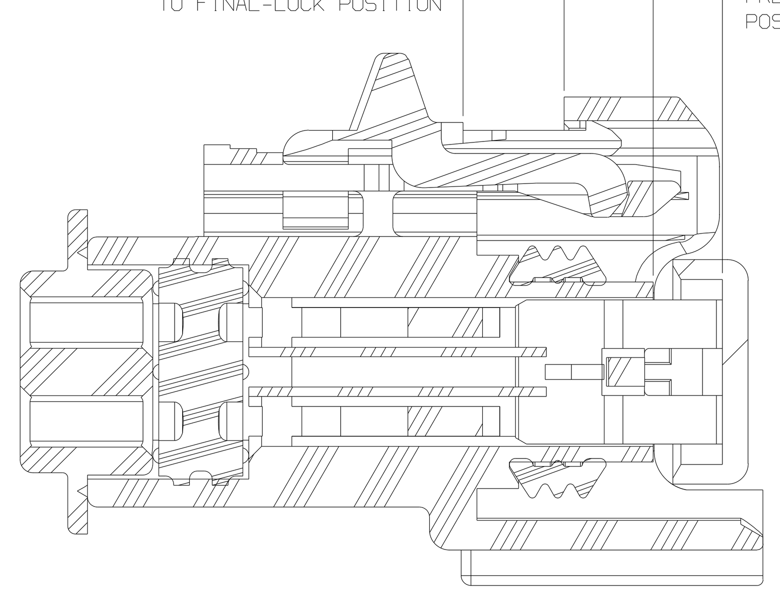
KEY OPTION "B"
HOUSING COLOR: LIGHT GRAY
P/N 04868346AA

CPA (MOLEX PART NUMBER 33199-0001
SHOWN IN PRE-LOCK POSITION

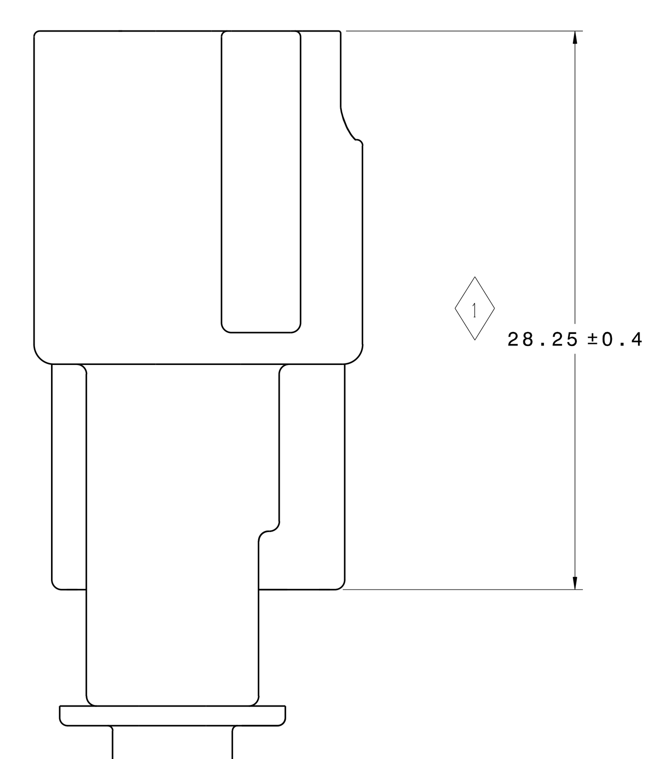


(5.1)
CPA TRAVEL DISTANCE FROM PRE-LOCK
TO FINAL-LOCK POSITION

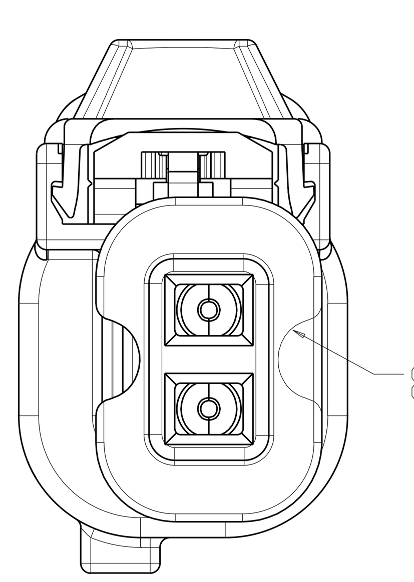
(3.5)
INSERT TRAVEL DISTANCE FROM
PRE-LOCK INTO FINAL-LOCK
POSITION



SECTION A-A
INSERT AND CPA SHOWN IN PRE-LOCK POSITION



GROMMET CAP TO BE SONICALLY WELDED
TO CONNECTOR HOUSING. NO VISIBLE
EXCESS FLASH IN WELD AREA PERMISSIBLE.
GROMMET CAP TO MEET OR EXCEED 130
NEWTONS OF PULL-OFF FORCE.



OPTIONAL CONSTRUCTION FOR
GROMMET CAP NOTCH LOCATION

NOTES: UNLESS OTHERWISE SPECIFIED
1. REFER TO CHRYSLER DRAWING NUMBER 04793751 FOR COMPONENT DEVICE INTERFACE PRINT.
2. REFER TO ASSEMBLY SET-UP SHEETS FOR DETAILED COMPONENT INFORMATION AND PART NUMBERS.
3. PACKAGING: PARTS TO BE PACKAGED IN (TBD PER PACKAGING PLAN COMPLETION).
4. FORCE TO PUSH INSERT INTO FINAL-LOCK POSITION SHOULD BE: 10.0 N TO 50.0 N OF FORCE. (2)
5. MININUM FORCE TO TAKE INSERT FROM FINAL-LOCK TO PRE-LOCK IS 27.0 N OF FORCE. (3)
6. MINIMUM FORCE TO REMOVE INSERT FROM CONNECTOR ONCE IN PRE-LOCK IS 20.0 N OF FORCE. (4)
7. MOLEX INSPECTION DEPARTMENT AND CUSTOMER WILL RECEIVE ASSEMBLY WITH INSERT AND CPA IN PRE-LOCK POSITION - (SECTION A-A).
8. THE MAXIMUM INSERTION FORCE FOR A 16AWG TO 20AWG TERMINAL LESS THAN OR EQUAL TO 30N (EXCEPTION OF PF 9600 REV A SECTION 5.3.1.2)
9. QUALITY ASSURANCE REQUIREMENT PER PS-7300: 1 DIAMOND
10. CRITICAL VERIFICATION REQUIREMENT PER PS-8335: 4 PENTAGONS
11. SYSTEM TO BE USED WITH MS-8288 AND MS-9502, CABLE SIZE 20, 18, 16 AWG FOR SEALING PURPOSE ONLY.

MOLEX CAD

REMARKS	ZONE	AUTHORITY	PCL	DCL	REVISION RECORD	DATE	DWN	CHK	ENG
	-	S1CR756		M	ADDED 65G15AH MATERIAL AND UPDATED TO MOLEX P/N	11-18-06	TH	TS	
	-	90831-M06		L	ADDED Y/A TO CHRYSLER P/N FOR HOUSING COMPONENT-2 PLACES	9-1-99	AB	SG	
					ASM P/N A30XD-0201L WAS A30XD-0201Z A30XE-0201M WAS A30XE-0201Z				
					HOUSING P/N P30XC-0244L WAS P30XC-0244Z P30XD-0244M WAS P30XD-0244Z				
	-	90202-M00-AA		K	P/N 04868346AA AND 04868347AA WAS SHOWN ON DRAWING 4794367AA	6-9-99	AB	DW	HS

DO NOT SCALE PRINT — LAST DCL: M — NUMBER: 04868372AA

REL AUTHORITY	REL FOR PROD MODELS	REL DCL	REL DATE
0-1	2000 RS	K	6-9-99

LAST POINT / LAST LINE / LAST SECT: AA / LAST DATUM

THIRD ANGLE PROJECTION

DATA-SOURCE: CATIA
FILE NAME: 04868372AA
MASTER DATA: CAD MODEL
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN: MM

ITEM	STANDARDS - NAME AND NUMBER	APVD
1	CHRYSLER PF-9600 (A) (CLASS 3)	
2	MS-DB414	
3	PS-7300 <D>	
4	PS-8335 <P>	
5	MS-AJ30	
6	MS-DB41	
7	MS-8288	
8	MS-9502	

TOLERANCES:
LINEAR: X.X ±0.25, X.XX ±0.10
ANGULAR: ±3°
NUMBER OF DECIMAL PLACES DOES NOT IMPLY A TOLERANCE

DWN: A BUTCHER
CHKD: D WILBER
D/ENGR: D WILBER
A/ENGR: D LESCAMELA
WEIGHT: 0.02191 KG CAL/WT
DATE STARTED: 6-3-99
SCALE: 5:1

TITLE: CHART- 2-WAY 1.5 FEMALE INS. INDEX B & C

NUMBER: 04868372AA

SHEET 1 OF 1

A30X0\XE — E SIZE SHEET

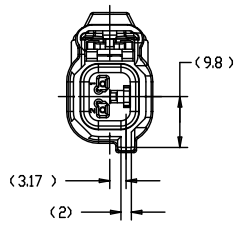
CHRYSLER CORPORATION

UPG 79E01D VSC 36510 DEPT. NO. 9320 SECTION ELECTRICAL

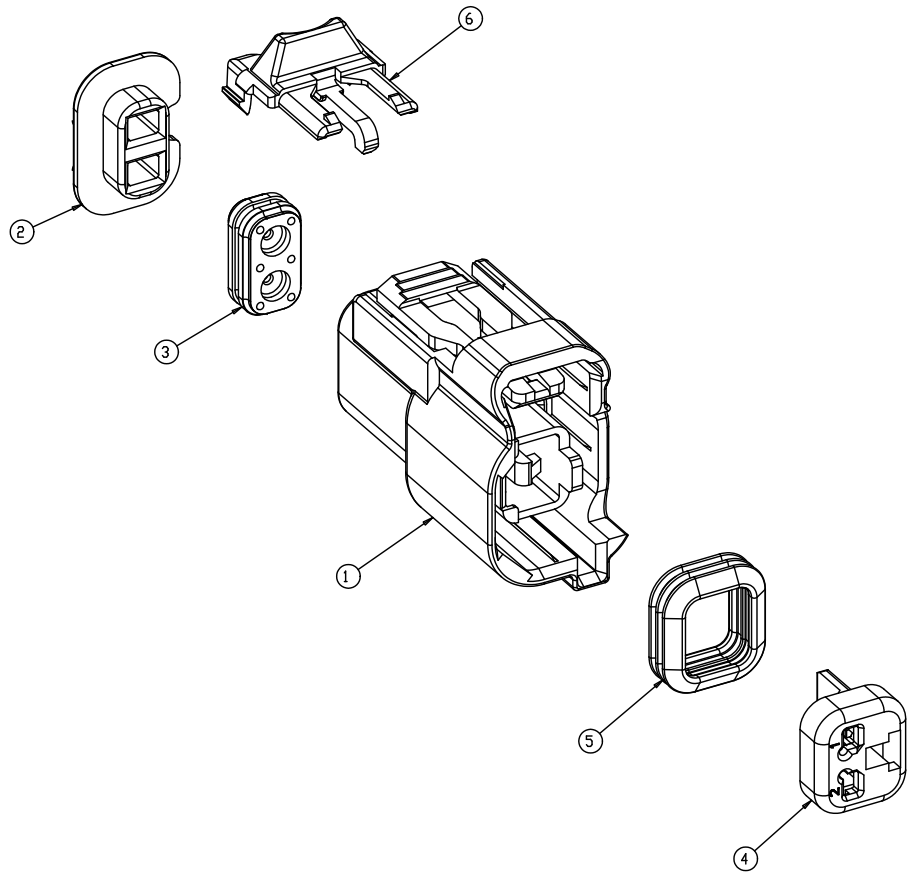
REFERENCE: 04868372AA

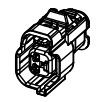
3319X

MOLEX PN 33195-0002 (REF CHRYSLER ASSEMBLY NUMBER: 04868346AA) OPTION "B", LIGHT GRAY				
ITEM #	QTY.	PART NO.	DESCRIPTION	MATERIAL
1	1	33195-0003	HOUSING RECEPTACLE	15% GLASS FILLED NYLON
2	1	33209-0001	CAP GROMMET	15% GLASS FILLED NYLON
3	1	33019-0023	GROMMET	SILICONE 30 DURO, BURNT ORANGE (MS-AJ30)
4	1	33208-0001	INSERT RECEPTACLE	15% GLASS FILLED NYLON
5	1	33019-1021	SEAL, PERIMETER	SILICONE 30 DURO, BLUE (MS-AJ30)
6	1	33199-0001	CPA	NORYL GTX 810, RED (MS-DB414)

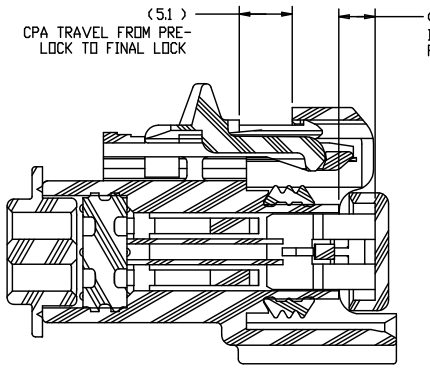


33195-0002
KEY OPTION "B"
HOUSING COLOR: LIGHT GRAY
SCALE 2:1

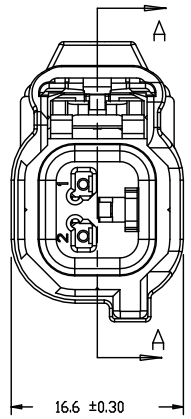


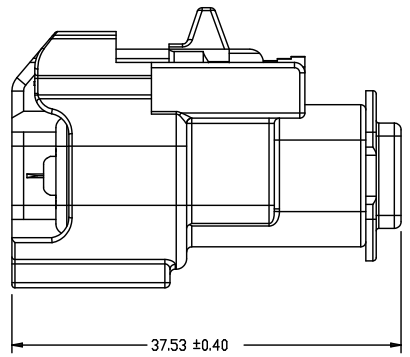


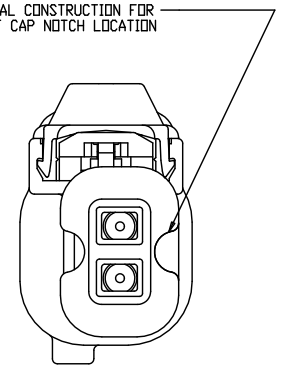
SCALE 1:1

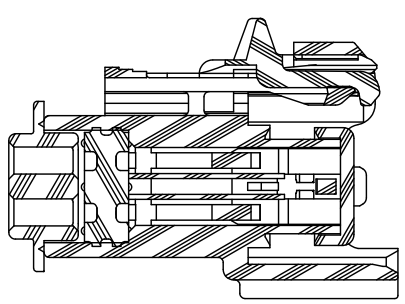


SECTION A-A
INSERT AND CPA SHOWN IN PRE-LOCK POSITION
(SEE NOTE 6)

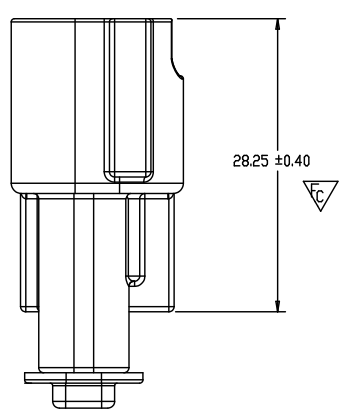








SECTION A-A
INSERT AND CPA SHOWN IN FINAL-LOCK POSITION



QUALITY SYMBOL COUNT	
PERFORMANCE	FP = 0
ASSEMBLY	FA = 0
CUSTOMER	FC = 5

NOTES:

1. UNLESS OTHERWISE SPECIFIED:
   ALL LINEAR DIMENSIONS TO BE ±0.1
   ALL ANGULAR DIMENSIONS TO BE ±3°
2. FC REFER TO CHRYSLER DRAWING NUMBER 04868368AA FOR COMPONENT INTERFACE PRINT.
3. FC FORCE TO PUSH INSERT INTO FINAL-LOCK POSITION SHOULD BE: 10 N TO 50 N.
4. FC MINIMUM FORCE TO TAKE INSERT FROM FINAL-LOCK TO PRE-LOCK IS 27 N.
5. MINIMUM FORCE TO REMOVE INSERT FROM CONNECTOR ONCE INSERT IS IN PRE-LOCK IS 20 N.
6. MOLEX INSPECTION DEPARTMENT AND CUSTOMER WILL RECEIVE ASSEMBLY WITH INSERT AND CPA IN PRE-LOCK POSITION - SEE SECTION A-A.
7. FC GROMMET CAP TO BE SONICALLY WELDED TO CONNECTOR HOUSING GROMMET CAP TO MEET OR EXCEED 130 N OF PULL OFF FORCE
8. ONLY CABLE SIZE 20,18, OR 16 AWG TO BE USED FOR SEALING PURPOSE
9. MAXIMUM INSERTION FORCE FOR A 16 AWG TO 20 AWG TERMINAL LESS THAN OR EQUAL TO 30N (EXCEPTION OF PF9600 REV. A SECTION 5.3.1.2)
10. SEE MOLEX DRAWING SD-33119-001 FOR TERMINAL USE

OBSOLETE P/N REMOVED
EC NO: UAU2011-0759
DRWN: LOKESH SG
CH'K: T HERFURTH
APPR: V KOSHY

REV	DESCRIPTION
D	

QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	mm	INCH
	4 PLACES	± NA	± NA
	3 PLACES	± NA	± NA
=0	2 PLACES	note 1	± NA
	1 PLACE	note 1	± NA
=0	ANGULAR	see note 1	

SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	REVISE ON CAD ONLY
1:1	MM		

DIMENSION STYLE: MM

DRAWN BY: B.FLOWERS 022499 DATE:

CHECKED BY: ----- ----- DATE:

APPROVED BY: ----- ----- DATE:

TITLE: RECEPTACLE CONNECTOR ASSEMBLY FUEL INJECTOR, 1.5MM BLADE INDEX "B"

MOLEX INCORPORATED

MATERIAL NO.	DOCUMENT NO.	SHEET NO.
3319X-0002	SD-33195-002	1 OF 1

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

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