



QUALITY ASSURANCE REQUIREMENTS PER ITEM 2: 1 DIMENSIONAL OR PROCESS PARAMETERS PERMISSIBLE

(K) INDICATES IN-PROCESS INSPECTION FOR MANUFACTURING DIMENSION(S) OR SPECIFICATION(S): 4

VENDOR MUST SUBMIT FOR ENGINEERING APPROVAL, LOCATION AND SIZE OF SUPPLIER I.D., MOLD & CAVITY I.D.

(67) ALL EJECTOR MARKS PERMISSIBLE WITHIN 0.10 FROM PART SURFACE

WIRING FABRICATORS MUST PURCHASE FROM SOURCES SHOWN

TO BE USED WITH MALE OR FEMALE 2.80 MM IN-LINE APEX CONNECTOR SYSTEM

(6) DENOTES GAGE REQUIREMENTS FOR USER AND MANUFACTURER: 0

(61) MATERIAL: MS-DB41 (SAE PA66) 35% GLASS FILLED NYLON 66 HEAT STABILIZED & LUBRICATED

(61A) OPT. 1 BASF A3EG7

(61B) OPT. 2 BASF A3WG7

MUST CONFORM TO THE FOLLOWING CHRYSLER STANDARDS:

- 1) PS-4480 3) PS-9065
- 2) PS-7300 4) PS-6013 (GD&T)

ANNUAL QUALITY REQUIREMENTS:

IT IS PERMISSIBLE TO PERFORM CONTINUOUS CONFORMANCE PER FCI SPECIFICATION #AGA-001 INSTEAD OF ANNUAL LAYOUT AND ANNUAL PV REQUIREMENTS OF QS9000 SECTION 2 & SAE/USCAR-2 REV 3

(70) PARTS TO BE MOLDED FREE FROM FLASH, VOIDS, STRESSES, IMPERFECTIONS AND TOOL MARKS THAT AFFECT FUNCTION OR HANDLING OF PART

(LAST INSPECTION CODE 70)

14	10.80±0.10	-----	10.80 <sup>+0.35</sup> <sub>-0.10</sub>
13	-----	-----	-----
12	1.00±0.10	-----	1.00 <sup>+0.40</sup> <sub>-0.10</sub>
11	3.00±0.10	-----	3.00±0.20
10	-----	-----	-----
9	NO TIP NOTE	0.50 MAX.	-----
8	-----	-----	-----
7	10.30/10.20	10.35/10.15	10.35/10.15
6	-----	-----	-----
5	4.75±0.10	4.75 <sup>+0.30</sup> <sub>-0.10</sub>	4.75 <sup>+0.30</sup> <sub>-0.10</sub>
4	-----	-----	-----
3	1.30±0.10	1.30 <sup>+0.15</sup> <sub>-0.10</sub>	1.30 <sup>+0.15</sup> <sub>-0.10</sub>
2	-----	-----	-----
1	-----	-----	-----
	ORIGINAL DIMENSION	ALLOWANCE DIMENSION MAT'L OPT.1	ALLOWANCE DIMENSION MAT'L OPT.2

NATURAL		2	54200008	N/A	-----	-----	E05001-CUST
RED		1	54200003	(4687739)	-----	-----	E05001-CUST
COLOR	MAT'L OPT.	FCI PART NUMBER	PART NUMBER	REV DATE	REV	DRAWING NUMBER	
CUSTOMER							

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DO NOT MEASURE DRAWING

FILE NAME: E05001-CUST

DATE: 10-18-07

NAME: D. RAJAN

TITLE: CHART-CONNECTOR POSITION ASSURANCE (CPA)

PROJECT: 2.8mm APEX CONNECTOR SYSTEM

STATE: E05001-CUST

SCALE: 4X

UNCONTROLLED

FCI AUTOMOTIVE

10/26/2007

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