



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)

ALLOWANCE CHART	14	13	12	11	10	9	8	7	6	5	4	3	2	1
ORIGINAL DIMENSION	10.80±0.10	-----	-----	1.00±0.10	3.00±0.10	-----	-----	10.30/10.20	10.35/10.15	10.35/10.15	-----	4.75±0.10	1.30±0.10	1.30±0.10
ALLOWANCE DIMENSION MAT'L OPT.1	10.80 ^{+0.35} _{-0.10}	-----	-----	1.00 ^{+0.40} _{-0.10}	3.00±0.20	-----	-----	10.35/10.15	10.35/10.15	10.35/10.15	-----	4.75 ^{+0.30} _{-0.10}	1.30 ^{+0.15} _{-0.10}	1.30 ^{+0.15} _{-0.10}
ALLOWANCE DIMENSION MAT'L OPT.2	10.80±0.10	-----	-----	1.00±0.10	3.00±0.20	-----	-----	10.35/10.15	10.35/10.15	10.35/10.15	-----	4.75±0.10	1.30±0.10	1.30±0.10

SECTION A-A		NATURAL		RED		COLOR	
(62)	2	54200008	N/A	1	54200003	MAT'L OPT.	FCI PART NUMBER
			(4687739)				PART NUMBER
							REV DATE
							REV
							DRAWING NUMBER
							CUSTOMER

9940	ALL	RELEASED CUSTOMER DRAWING ON NEW FCI TITLE BLOCK
SCM NO.	ZONE	CHANGE DESCRIPTION
PRODUCT SPEC.	PACKAGING SPEC.	APPLICATION SPEC.
SEE NOTES	SEE NOTES	SEE NOTES
THIS DRAWING AND ALL OTHER INFORMATION CONTAINED THEREIN IS PROPRIETARY AND THE PROPERTY OF FCI. THIS DRAWING MAY NOT BE COPIED, REPRODUCED OR DISCLOSED TO ANY THIRD PARTY WITHOUT THE EXPRESSED WRITTEN PERMISSION OF FCI. FCI APPROVED 10/26/2007		
TOLERANCES	1 PLACE DIM ±0.25mm 2 PLACE DIM ±0.15mm 3 PLACE DIM ±0.10mm	MATERIAL: SEE CHART
CONTRACT NO.	2.8mm APEX CONNECTORS	COLOUR: SEE CHART
DO NOT MEASURE DRAWING	FOOT. NO. MO63	ECO Lvl. C44 AN
CREATED BY	DATE	NAME
10-18-07	D. RAJAKUMAR	CHART-CONNECTOR POSITION ASSURANCE (CPA)
MODIFIED BY	DATE	PROJECT
10-18-07	VINAYAK BHAT	2.8mm APEX CONNECTOR SYSTEM
CHECKED BY	DATE	SUCHA SIAN
10-18-07	SUCHA SIAN	SER. NO. 6423
APPROVED BY	DATE	SUCHA SIAN
10-18-07	SUCHA SIAN	EXT. NO.
FILE NAME	E05001-CUST	
DRAWING NUMBER	REV.	APPROVAL LEVEL
E05001-CUST	G3	1
STATE	REV.	SHEET
E05001-CUST	1	1
PART NUMBER	REV.	DWG. SIZE
SEE CHART	1	A1
SCALE	SCALE	SCALE
SEE CHART	1	1

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