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- NOTES: UNLESS OTHERWISE SPECIFIED (D18)
1. ALL DIMENSIONS SHOWN IN MILLIMETERS.
 2. DIMENSIONING AND TOLERANCING PER ASME Y14.5M-1994
 3. 0.25 RADII ON ALL CORNERS SHOWN SHARP.
 4. UNSPECIFIED RADI: 0.25 EXCEPT AS NOTED.
 5. STANDARD COLORS FOR POLARIZATION (SEE CHART). DEVIATION REQUIRES APPROVAL OF AUTHORIZED PERSON.
 6. REFER TO "SAE/USCAR 12 CONNECTOR GUIDELINES" FOR ADDITIONAL REQUIREMENTS.
 7. EXCEPT WHERE NOTED, DRAFT ON OUTSIDE SURFACES IS PERMISSIBLE WITHIN TOLERANCE.
 8. SYMBOL INDICATES DRAFT DIRECTION.
 9. FOR TERMINAL MATERIAL, DIMENSIONAL, AND COATING REQUIREMENTS AND ANY BLADE TERMINAL DESIGN INFORMATION NOT SHOWN ON THIS DRAWING SEE EWCAP DRW. NO. EWCAP-001
 10. A FULL SHROUD ON THE MATING CONNECTOR IS REQUIRED TO INSURE THAT THE CONNECTOR-HEADER POLARIZATION FEATURES (OPTIONS A THRU D) WILL FUNCTION. THE FULL SHROUD ALSO PREVENTS SCOOP DAMAGE TO THE HEADER PINS. REFER TO "SAE/USCAR-12 CONNECTOR DESIGN GUIDE LINES" FOR ADDITIONAL INFORMATION.
 11. REFER TO USCAR/EWCAP PART LIST AS FOUND ON WEBSITE <http://www.uscarteams.org>
 12. THIS IS A 100% CAD GENERATED PART. THE CAD MATHEMATICAL DATA IS THE MASTER FOR THIS PART. FOR DIMENSIONAL OR ANY INFORMATION NOT SHOWN ON THIS DRAWING, ANALYZE THE CAD MODEL.

094	D20	CORRECTED CHRYSLER GROUP LLC NOMENCLATURE			
094	D19	MOVED NOTE TO SECTION B-B			
094	D18	UPDATED NOTES			
094	D17	ADDED 0.25° MAX DRAFT ANGLE ALL AROUND			
094	D16	ADDED [5.50]			
094	D15	ADDED AT TANGENT NOTE			
094	D14	REMOVED DATUM C			
094	D13	ADDED BASIC DIMENSIONS FOR PROFILE CONTROL			
094	D12	ADDED [0.20] [A]			
094	D11	DIMENSIONED TO DATUM A			
094	D10	SEALING SURFACE DIMENSIONS MOVED TO SECTION C-C			
094	D9	ADDED SECTION C-C			
094	D8	REMOVED 10.20 AND 2.50 FROM SECTION A-A			
094	D7	ADDED DRAFT ANGLE DIRECTION			
094	D6	REMOVED 0.80 ± 0.10 / -0.20 ALL AROUND			
094	D5	REPLACED WALL THICKNESS CONTROL WITH PROFILE OF A SURFACE			
094	D4	ADDED R(6.47)			
094	D3	ADDED 0.70 ± 0.15 ALL AROUND			
094	D2	UPDATED CONNECTOR COLORS			
094	D1	ADDED GD & T FOR POLARIZATION KEYS	12-27-11	KC	MV
	C3	CHANGED ISO VIEW SCALE TO 4:1, WAS 1:1			
	C2	CORRECTED PACKAGING FRAME VIEW, WAS UPSIDE DOWN			
	C1	KEY OPTIONS A THRU D DIMENSIONED TO C/L OF KEY, WAS DIMENSIONED TO EDGE	01-15-09	DG	SV
	B16	16.3 MIN. WAS 16.0 MIN.			
	B15	FROM DATUM [A] ADDED DIM. 12.90			
	B14	FROM DATUM [A] ADDED DIM. 5X 9.30 ± 0.10 / -0.25			
	B13	ADDED PARTING LINE NOTE TO DETAIL A, REMOVED NOTE BACK ANGLE, OPTIONAL FROM 5°			
	B12	GD & T [0.20] [A] ADDED			
	B11	KEY OPTIONS A THRU D DIMENSIONED TO EDGE WAS DIMENSIONED TO C/L OF KEY			
	B10	GD & T [0.10] [A] REMOVED FROM VIEW DETAIL C			
	B9	[4X R2.91] WAS 4X R2.92			
	B8	[2X R12.59] AND [2X R89.92] WAS 2X R12.59 AND 2X R89.92			
	B7	REVISED GD & T FOR TIP AND BASE			
	B6	DATUM [C] AT DIM 10.33 WAS AT DIM. 23.33			
	B5	SURFACE 'D' LOCATED AT [3.50]			
	B4	DATUM [B] AT DIM 23.33 WAS AT 10.20 SECTION A-A			
	B3	12.5 MIN. WAS 11.5 MIN.			
	B2	MOLEX LOGO ADDED			
	B1	REMOVED NOTE #1 "DRAFT ANGLE PERMISSIBLE 0.25° MAXIMUM" RENUMBERED NOTES	01-10-08	DG	SV
	A	RELEASED	10-17-07	MV	DG
CHANGE SERIAL NUMBER	LET	REVISION RECORD	DATE	DWN	CHK
TOLERANCES UNLESS OTHERWISE SPECIFIED:					
DIMENSIONS ARE IN					
ANGLES +3°					
XX ±0.10					
THIRD ANGLE PROJECTION					
EWCAP					
SCALE	4 - 1	DRAWN BY	K.CUNNINGHAM	CHECKED BY	M.VANSLAMBOUCK
TITLE	DIRECT CONNECT INTERFACE 5 WAY (1 X 5) 1.5MM SEALED MALE				
SHEET	10 of 1	DRAWING NUMBER	150-S-005-1-Z03	DATE	12-27-11
SEE	E	DO NOT SCALE DRAWING	COMPUTER AIDED DRAWING	REVISION LEVEL	D

150-S-005-1-D03	D	BLACK
150-S-005-1-C03	C	DK GRAY
150-S-005-1-B03	B	LT GRAY
150-S-005-1-A03	A	BLACK
EWCAP P/N	OPTION	MATING CONNECTOR COLOR

DETAIL C SCALE 20:1 APPLIES 2X SEE KEYING OPTION VIEWS FOR POSITIONS

CONSTRUCTION BELOW THIS SURFACE IS NOT CONTROLLED BY EWCAP. NO PLASTIC FEATURES MAY EXTEND ABOVE THIS SURFACE

