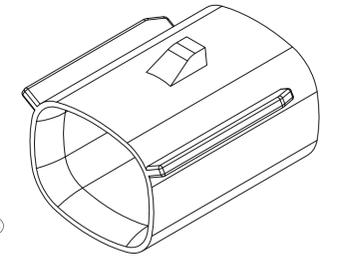
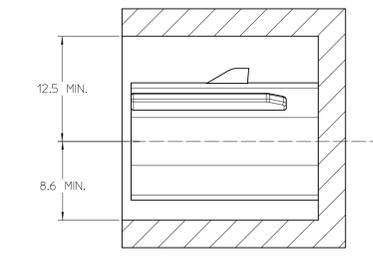
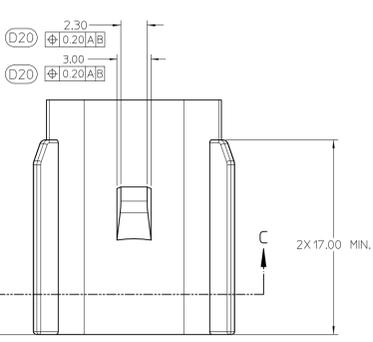
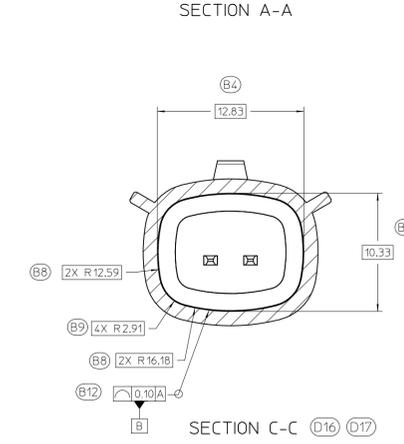
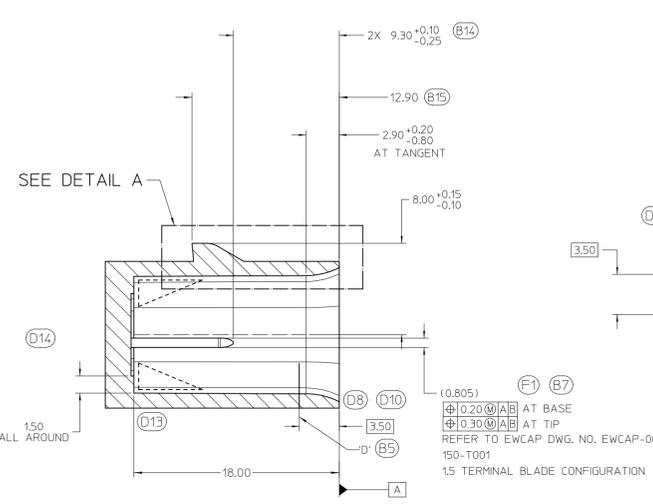
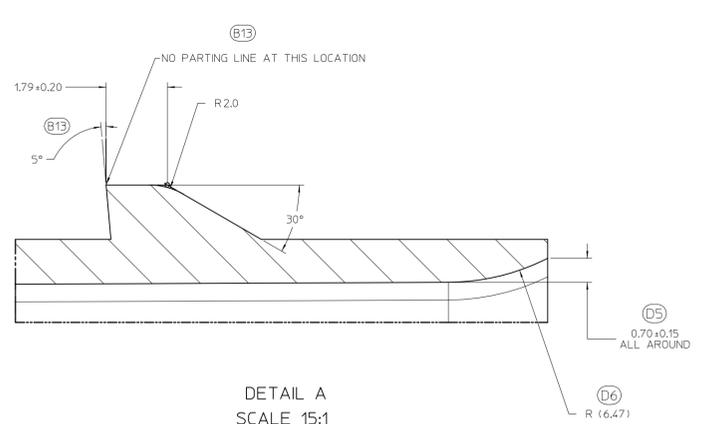


DETAIL C
SCALE 20:1
APPLIES 2X
SEE KEYING OPTIONS VIEWS
FOR POSITIONS



IF HEADER IS RECESSED INTO A POCKET, THESE DIMENSIONS REPRESENT THE MINIMUM CLEARANCE REQUIRED FOR THE MATING CONNECTOR SHROUD.

PACKAGING FRAME

NOTICE
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- NOTES: UNLESS OTHERWISE SPECIFIED (D31)
- ALL DIMENSIONS SHOWN IN MILLIMETERS.
 - DIMENSIONING AND TOLERANCING PER ASME Y14.5M-1994
 - 0.25 RADI ON ALL CORNERS SHOWN SHARP.
 - UNSPECIFIED RADI: 0.25 EXCEPT AS NOTED.
 - STANDARD COLORS FOR POLARIZATION (SEE CHART). DEVIATION REQUIRES APPROVAL OF AUTHORIZED PERSON.
 - REFER TO "SAE/USCAR 12 CONNECTOR GUIDELINES" FOR ADDITIONAL REQUIREMENTS.
 - EXCEPT WHERE NOTED, DRAFT ON OUTSIDE SURFACES IS PERMISSIBLE WITHIN TOLERANCE.
 - SYMBOL INDICATES DRAFT DIRECTION.
 - FOR TERMINAL MATERIAL, DIMENSIONAL, AND COATING REQUIREMENTS AND ANY BLADE TERMINAL DESIGN INFORMATION NOT SHOWN ON THIS DRAWING SEE EWCAP DWG. NO. EWCAP-001
 - 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.
 - REFER TO USCAR/EWCAP PART LIST AS FOUND ON WEBSITE <http://www.uscarteams.org>
 - 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.

150-S-002-1-D05	D	BLACK
150-S-002-1-C05	C	DK GRAY
150-S-002-1-B05	B	LT GRAY
150-S-002-1-A05	A	BLACK
EWCAP P/N	OPTION	MATING CONNECTOR COLOR

094	F2	CORRECTED CHRYSLER GROUP LLC NOMENCLATURE			
094	F1	MOVED NOTE TO SECTION B-B AND CORRECTED AND REINSTATED TRUE POSITION DATUM REFERENCE	02-08-2012	KC	MV
091	E	REMOVED D3 D4 D7 D9 D11 D12 D15 D16 D22 D24 D25 D29 AND D30	08-18-11	KC	MV
090	D31	UPDATED NOTES			
090	D30	RELOCATED SEALING SURFACE NOTE			
090	D29	ADDED DETAIL E			
090	D28	ADDED 0.25° MAX DRAFT ANGLE ALL AROUND			
090	D27	ADDED [5.50]			
090	D26	ADDED AT TANGENT NOTE			
090	D25	ADDED FROM [-B-]			
090	D24	ADDED [3.50]			
090	D23	REMOVED DATUM C			
090	D22	ADDED EXCLUDES KEYS AND NUB NOTE			
090	D21	ADDED BASIC DIMENSIONS FOR PROFILE CONTROL			
090	D20	ADDED [0.20] [A]			
090	D19	DIMENSIONED TO DATUM A			
090	D18	ADDED DATUM A REFERENCE			
090	D17	SEALING SURFACE DIMENSIONS MOVED TO SECTION C-C			
090	D16	ADDED SECTION C-C			
090	D15	ADDED DETAIL D			
090	D14	REMOVED 10.20 FROM SECTION A			
090	D13	ADDED DRAFT ANGLE DIRECTION			
090	D12	ADDED DATUM G			
090	D11	RELOCATED BASIC DIMENSION FOR DATUM D			
090	D10	REMOVED 0.80 ±0.10/-0.20 ALL AROUND			
090	D9	MOVED PIN DIMENSIONS TO DETAIL B AND DETAIL E			
090	D8	REPLACED WALL THICKNESS CONTROL WITH PROFILE OF A SURFACE			
090	D7	ADDED DATUM B REFERENCE			
090	D6	ADDED R16.47			
090	D5	ADDED 0.70 ±0.15 ALL AROUND			
090	D4	CHANGED FROM 1.79 TO 1.8			
090	D3	ADDED BACK ANGLE NOTE			
090	D2	UPDATED CONNECTOR COLORS			
090	D1	ADDED GD&T FOR POLARIZATION KEYS	05-17-11	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
	B15	FROM DATUM [A] ADDED DIM. 12.90			
	B14	FROM DATUM [A] ADDED DIM. 2X 9.30 ±0.10/-0.25			
	B13	ADDED PARTING LINE NOTE TO DETAIL A. REMOVED NOTE BACK ANGLE OPTIONAL FROM 5°			
	B12	GD & T [0.10] [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	[EX R2.91] WAS 4X R2.92			
	B8	2X R12.59 AND 2X R16.18 WAS 2X R12.59 AND 2X R16.18			
	B7	REVISED GD & T FOR TIP AND BASE			
	B6	DATUM [C] AT DIM 10.33 WAS AT DIM. 12.83			
	B5	SURFACE 'D' LOCATED AT [3.50]			
	B4	DATUM [B] AT DIM 12.83 WAS AT 10.20 SECTION A-A			
	B3	EWCAP CHART 150-S-002-1-A05 THRU D05 WAS TBD MATING CONNECTOR COLORS ADDED			
	B2	DWG# 150-S-002-1-Z05 WAS 150-S-002-1-T80			
	B1	REMOVED NOTE #1 "DRAFT ANGLE PERMISSIBLE 0.25° MAXIMUM." RENUMBERED NOTES	01-10-08	DG	SV
	A	RELEASED	11-13-07	JH	MV

CHANGE SERIAL NUMBER

LET REVISION RECORD DATE DWN CHK

TOLERANCES UNLESS OTHERWISE SPECIFIED

DIMENSIONS ARE IN

ANGLES ±3°

x ±0.2 xx ±0.10

THIRD ANGLE PROJECTION

EWCAP

SCALE 5 - 1 DRAWN BY K. CUNNINGHAM CHECKED BY M.VANSLAMBOUCK DATE 02-08-2012

TITLE DIRECT CONNECT INTERFACE 2 WAY (1 X 2) 1.5MM SEALED MALE

SHEET 1 OF 1 DRAWING NUMBER 150-S-002-1-Z05 SIZE E DO NOT SCALE DRAWING COMPUTER AIDED DRAWING REVISION LEVEL F

