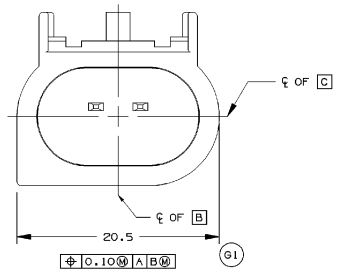
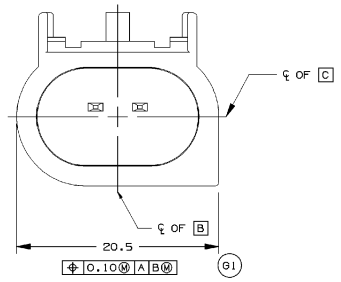
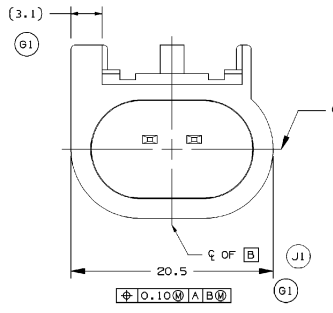


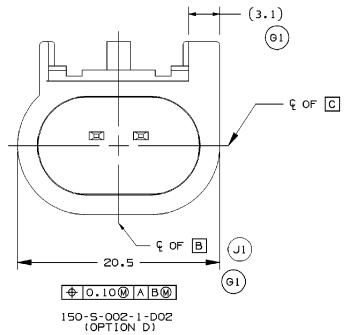
150-S-002-1-A02
(OPTION A-SHOWN)



150-S-002-1-B02
(OPTION B)

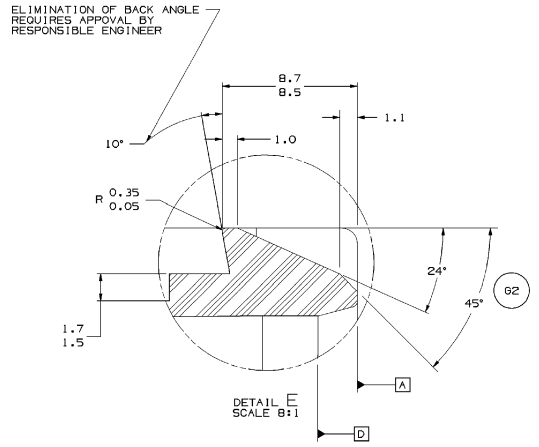


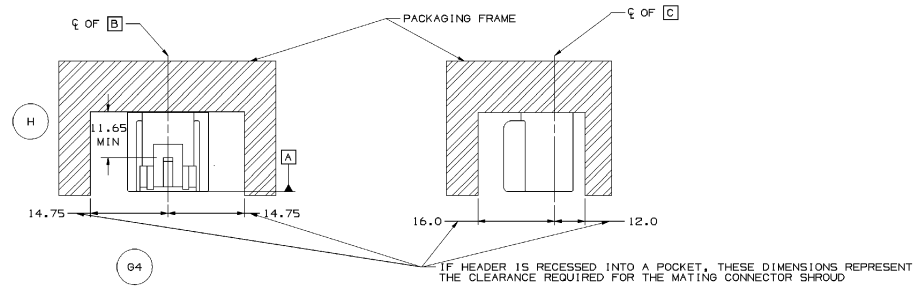
150-S-002-1-C02
(OPTION C)



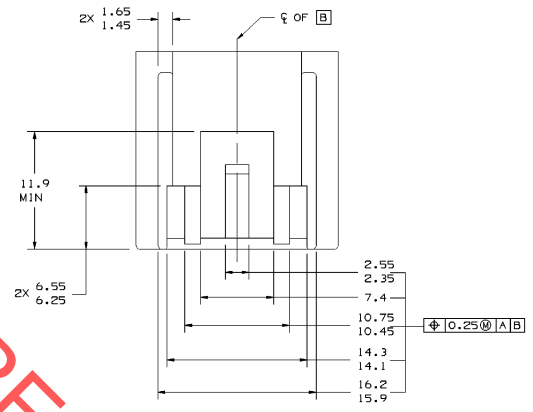
150-S-002-1-D02
(OPTION D)

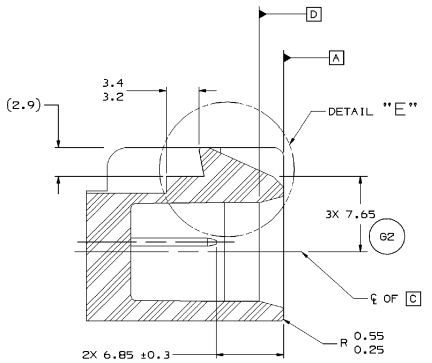
150-S-002-1-D02	D	GREEN
150-S-002-1-C02	C	BROWN
150-S-002-1-B02	B	GREY
150-S-002-1-A02	A	BLACK
EWCAP P/N	OPTION	MATING CONNECTOR COLOR △6



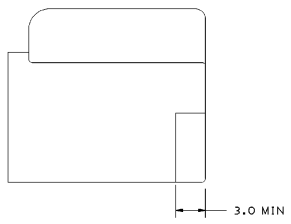


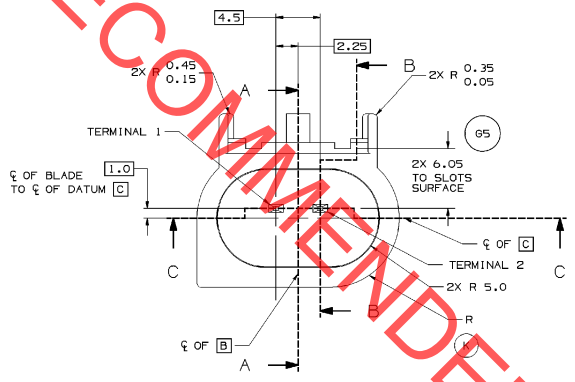
IF HEADER IS RECESSED INTO A POCKET, THESE DIMENSIONS REPRESENT THE CLEARANCE REQUIRED FOR THE MATING CONNECTOR SHROUD



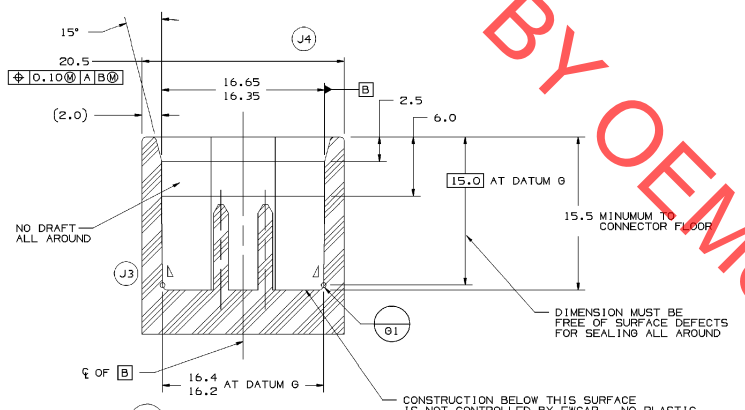


SECTION A - A





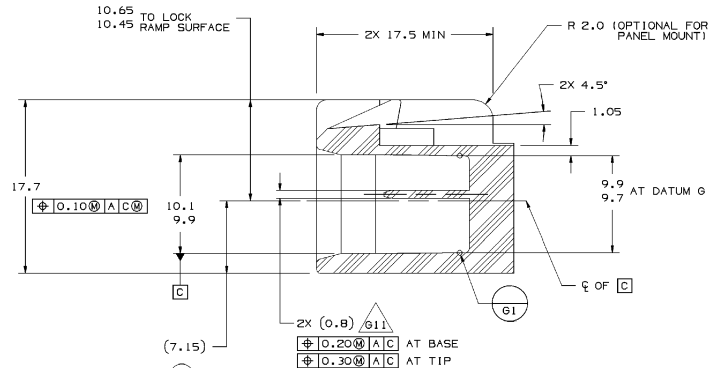
OPTION A SHOWN



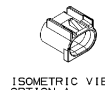
SECTION C-C

G10

G6

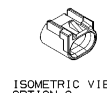


SECTION B-B



ISOMETRIC VIEW
OPTION A
SCALE 1:1

ISOMETRIC VIEW
OPTION B
SCALE 1:1



ISOMETRIC VIEW
OPTION C
SCALE 1:1

ISOMETRIC VIEW
OPTION D
SCALE 1:1

G9

NOTES:

1. ALL DIMENSIONS SHOWN IN MILLIMETERS.
2. DIMENSIONING AND TOLERANCING PER ASME Y14.5M-1994.
3. RADII ON ALL CORNERS SHOWN SHARP OR ALL UNSPECIFIED RADII: 0.25 EXCEPT AS NOTED.
4. REFER TO "SAE/USCAR-12 CONNECTOR DESIGN GUIDELINES FOR ADDITIONAL INFORMATION.
5. △5 STANDARD COLORS FOR POLARIZATION - DEVIATION REQUIRES APPROVAL OF AUTHORIZED PERSON.
6. SECTION LINES ARE COMMON TO ALL OPTIONS.
7. 1°DRAFT MAX ON OUTSIDE SURFACES PERMISSIBLE WITHIN ALLOWABLE TOLERANCE.
8. DIMENSIONS IN ( ) ARE FOR REFERENCE.
9. △9 FOR BLADE GEOMETRIC AND PLATING REQUIREMENTS, REFER TO EWCAP DWG. NO. EWCAP-001, DETAIL 150-TO01.
10. DIRECTION OF DRAFT REQUIRED.

G8

G11

076	K	R was 6.95	03MAY09	JC	HV
	J4	DIM (1.5) IN SECTION C-C REMOVED			
	J3	DIRECTION OF DRAFT ADDED			
	J2	(7.15) WAS (6.95)			
073	J1	2.5 WAS 20.4		JC	JR
030	H	11.65 WAS 8.0	03NOV03	JC	JJ
	G11	EDIT DRAWING TO CONFORM WITH LATEST USCAR SPECIFICATION			
	G10	REMOVED TERM CONF. MODELS			
	G9	REMOVED NOTICE			
	G8	ADDED 1° DRAFT TO NOTE 7			
		NOTE 5 WAS NOTE 6			
		NOTE 6 WAS NOTE 7			
		NOTE 7 WAS NOTE 8			
		ADDED NOTE 8			
	G7	SEC. B-B, ADDED 16.95			
		ADDED NOTE TO LOCK RAMP SURFACE TO DIM 10.65/10.45			
		REMOVED DIM 13.3, AND (5.9)			
	G6	SEC-C-C MOVED, ADDED DIM 1.95 15° WAS 17.716			
		REMOVED BASE DIM FROM 2.5, 6.0			
		ADDED NOTE TO 15.0 AT DATUM B			
	G5	PLAN VIEW - ADDED DIM 9.9/9.7@ TO SLOT SURFACE, R 0.95 WAS 7.75/7.1			
	G4	PACKAGE VIEW-MOVED DIMS TO TOP VIEW REMOVED "MINIMUM" FROM NOTE			
		ADDED 8.0 MIN 20.0 MAX WAS 20.0 MIN			
	G3	REMOVED VIEWS D,H,J			
	G2	MOVED 45° FROM SEC.A-A TO DETAIL VIEW "E"			
		ADDED DIM 8X7.65 ADDED DIM R 0.35/0.05			
	G1	OPTIONS A-D ADDED, DOET. DIM 20.4 AND (3.1)	24MAR03	JC	JJ
018	F	SEE CHANGE NOTICE	21FEB03	JC	JJ
014	E	SEE CHANGE NOTICE	23JAN03	JC	JJ
011	D	REMOVED TERMINAL DIM. AND ADDED NOTE 9.	15OCT02	JC	JJ
		13.3 WAS 13.0			
007	C	UPDATE FORMAT TO LATEST USCAR STANDARDS	29APR02	JC	JJ
	B	CORRECT ERRORS	22MAR01	JC	
		UPDATE DRAWING			
	A	INITIAL RELEASE	03AUG00	JC	
CHANGE SERIAL NUMBER	LET	REVISION RECORD	DATE	DWN	CHK

TOLERANCES (UNLESS OTHERWISE SPECIFIED)
DIMENSIONS ARE IN MILLIMETERS
ANGLES ± 2°
.X ± .25 .XX ± .13

THIRD ANGLE PROJECTION

SCALE	DRAWN BY	CHECKED BY	DATE
1-5	J. CUPIT	J. JONES	07-27-00

TITLE
DIRECT CONNECT INTERFACE -2 WAY (1X2)
1.5MM SEALED MALE

SHEET	DRAWING NUMBER	SIZE	ENGINEERING RELEASE	REVISION LEVEL
1-1	150-S-002-1-Z02	E	ELECTRONIC RELEASE ENGINEERING RELEASE	K

DELPHI
CONNECTION SYSTEMS
15454750

NOT RECOMMENDED BY OEMS

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