



NOTES: UNLESS OTHERWISE SPECIFIED

- ALL DIMENSIONS SHOWN IN MILLIMETERS.
- DIMENSIONING AND TOLERANCING PER ASME Y14.5M-1994
- RADII ON ALL CORNERS SHOWN SHARP OR ALL UNSPECIFIED RADII: 0.25 EXCEPT AS NOTED.
- A FULL SHROUD ON THE MATING CONNECTOR IS REQUIRED TO INSURE THAT THE CONNECTOR-HEADER POLARIZATION FEATURES (OPTIONS A THRU F) 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](http://www.uscarteams.org)
- FOR BLADE BASE MATERIAL, PLATING AND PROCESS LUBRICANT SEE EWCAP DRW. NO. EWCAP-001
- THIS PART HAS BEEN PREVIOUSLY DESIGNED AND TOOLED WITH THE DATUM REFERENCES AS SHOWN. THE DATUM REFERENCE USED ON THIS DRAWING TAKES PRECEDENCE OVER THE EWCAP DRAWING GUIDELINE DATUM REFERENCE REQUIREMENT.

082	B	ADDED KEYING OPTIONS E & F AND ADDED NOTE FOR CONSTRUCTION BELOW DATUM A	05-18-10	SR	FAH
-	A	RELEASED	01-08-09	SR	FAH
CHANGE SERIAL NUMBER	LET	REVISION RECORD	DATE	DWN	CHK
TOLERANCES (UNLESS OTHERWISE SPECIFIED) DIMENSIONS ARE IN MILLIMETERS		THIRD ANGLE PROJECTION			
ANGLES ± 2°					
X.X ± 0.25		X.XX ± 0.10			
EWCAP					
SCALE	5:1	DRAWN BY	RANGARAJAN	CHECKED BY	FRANK HOLUB
TITLE		DIRECT CONNECT INTERFACE 2 WAY (1 X 2) 1.2MM SEALED MALE			
SHEET	DRAWING NUMBER	SIZE	DO NOT SCALE DRAWING	REVISION LEVEL	
1 OF 1	120-S-002-1-Z01	E	COMPUTER AIDED DRAWING	B	

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