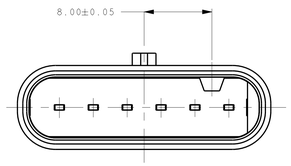
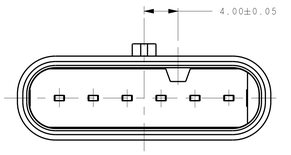


KEYING OPTION A



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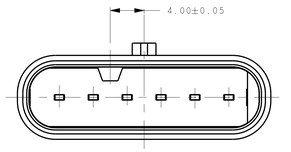

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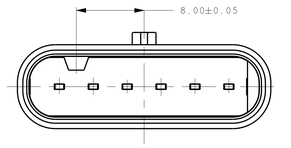

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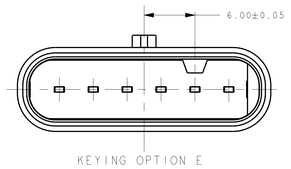
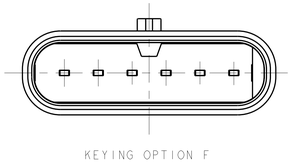
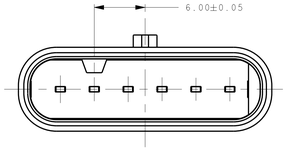


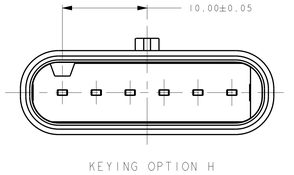
KEYING OPTION E



KEYING OPTION F

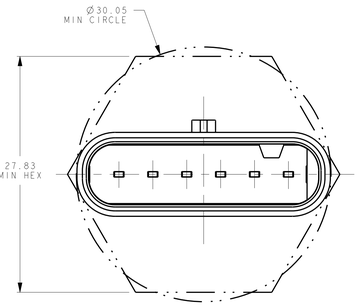


KEYING OPTION G

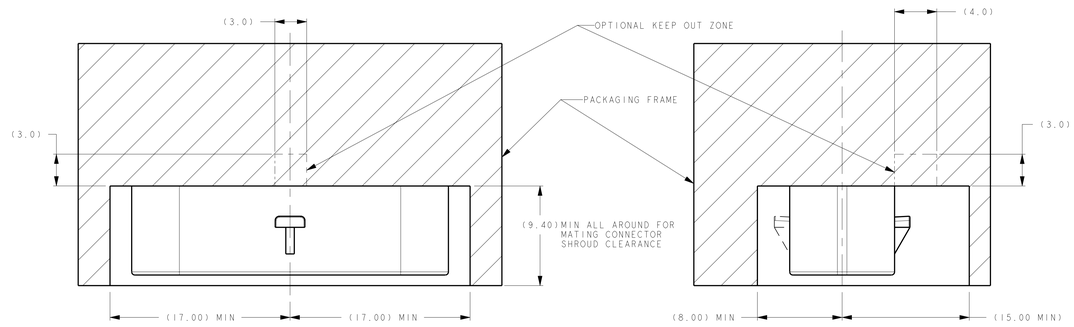


KEYING OPTION H

POLARIZATION VIEWS
SCALE 4:1



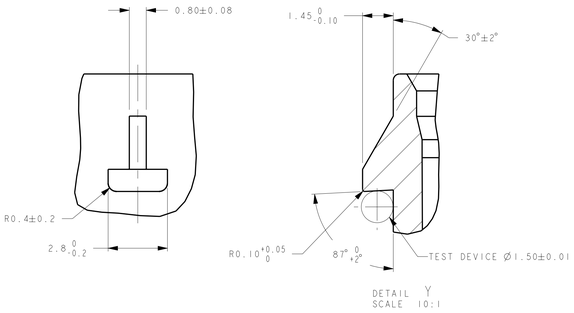
MINIMUM FIT SIZE - PROVIDED FOR INFORMATIONAL PURPOSES ONLY (BASED ON MAXIMUM MATERIAL CONDITION)



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

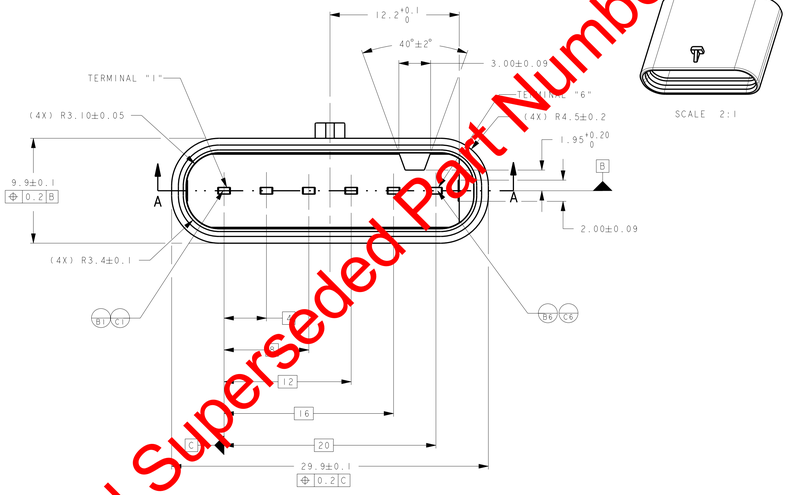
NOTICE

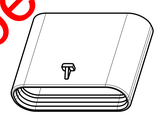
THIS DRAWING, OR PORTIONS OF IT, ARE CONTROLLED BY THE ELECTRICAL WIRING COMPONENTS APPLICATION PARTNERSHIP (EWCAP), A SUBGROUP OF THE UNITED STATES CONSORTIUM FOR AUTOMOTIVE RESEARCH (USCAR). USCAR IS A PARTNERSHIP BETWEEN DAIMLERCHRYSLER CORPORATION, FORD MOTOR COMPANY, AND GENERAL MOTORS CORPORATION. ANY CHANGE TO A EWCAP CONTROLLED PORTION OF THIS DRAWING, INCLUDING A "RECORD CHANGE," MUST BE APPROVED, IN WRITING, BY THE RESPONSIBLE EWCAP MEMBER FROM EACH USCAR COMPANY. EACH EWCAP MEMBER AUTHORIZED TO SIGN FOR HIS OR HER COMPANY IS RESPONSIBLE FOR OBTAINING ALL NECESSARY APPROVALS WITHIN THAT COMPANY PRIOR TO SIGNING FOR APPROVAL OF THE CHANGE. EWCAP EXPRESSLY PROHIBITS ANY PARTY FROM CHANGING EITHER ANY EWCAP CONTROLLED PORTION OF THIS DRAWING OR ANY ASSOCIATED TOOLING BEFORE RECEIVING AN APPROVAL SIGNED BY AN AUTHORIZED REPRESENTATIVE FROM EACH EWCAP PARTNER. REFERENCE TO THE SIGNED APPROVAL FORM MUST BE ENTERED IN THIS DRAWING'S CONTROL COLUMN.



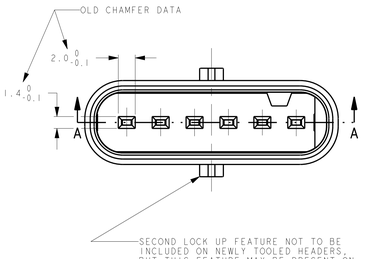
DETAIL Y
SCALE 10:1

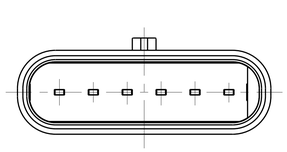
LATCH CONSTRUCTION





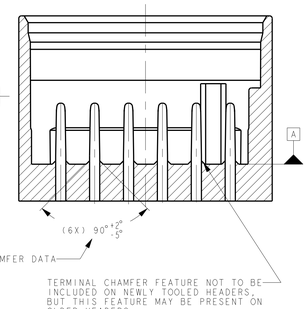
SCALE 2:1





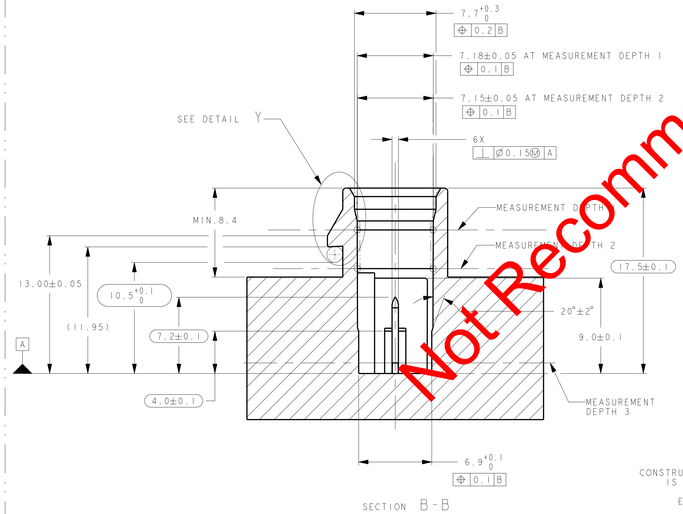
KEYING OPTION Z

THIS UNIVERSAL KEY OPTION IS NOT APPROVED BY USCAR/EWCAP FOR USE ON ORIGINAL EQUIPEMENT DEVICES. HOWEVER, THIS KEY OPTION COULD BE ENCOUNTERED ON OLDER DEVICES.

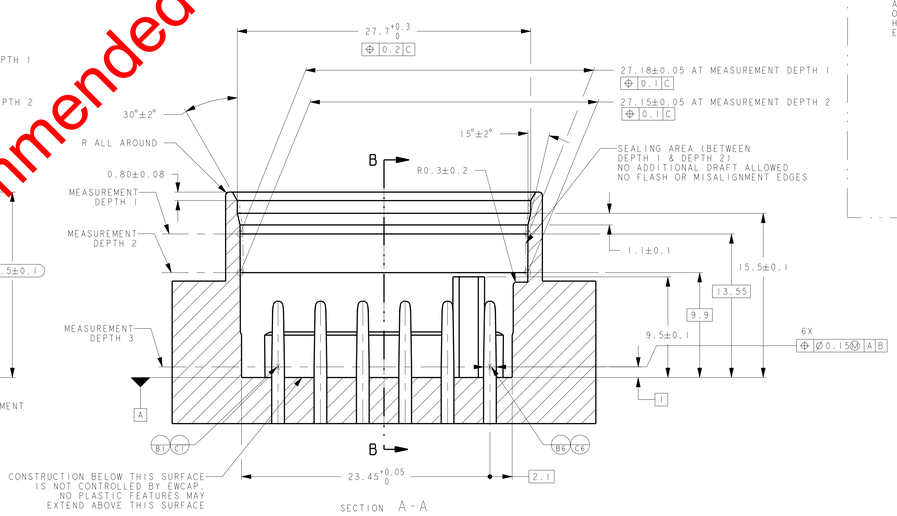


SECTION A-A

PROVIDED FOR INFORMATIONAL PURPOSES ONLY



SECTION B-B



SECTION A-A

Not Recommended Superseded Part Number

NOT RECOMMENDED FOR NEW APPLICATIONS, SEE 120-S-006-1-Z04

NOTES: UNLESS OTHERWISE SPECIFIED

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. A FULL SHROUD ON THE MATING CONNECTOR IS REQUIRED TO INSURE THAT THE CONNECTOR-HEADER POLARIZATION FEATURES (OPTIONS A THRU H) 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.
5. REFER TO USCAR/EWCAP PART LIST AS FOUND ON WEBSITE HTTP://WWW.USCARTEAMS.ORG
6. FOR BLADE BASE MATERIAL, PLATING AND PROCESS LUBRICANT SEE EWCAP DRW. NO. EWCAP-001
7. 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 REFERNCE REQUIREMENT.

CHANGE SERIAL NUMBER	LET	REVISION RECORD	DATE	DWN	CHK
099	C	ADDED NOTE CHANGING STATUS TO NOT RECOMMENDED	12-13-13	SR	MGM
082	B	ADDED KEYING OPTIONS E,F,G & H AND ADDED NOTE FOR CONSTRUCTION BELOW DATUM A	05-18-10	SR	FAH
-	A	RELEASED	01-08-09	SR	FAH

TOLERANCES (UNLESS OTHERWISE SPECIFIED)
DIMENSIONS ARE IN MILLIMETERS
ANGLES ± 2°
X.X ± 0.25 X.XX ± 0.10
THIRD ANGLE PROJECTION

EWCAP

SCALE	DRAWN BY	CHECKED BY	DATE
5:1	RANGARAJAN	FRANK HOLUB	11-20-2008

TITLE: DIRECT CONNECT INTERFACE 6 WAY (1 X 6) 1.2MM SEALED MALE

SHEET	DRAWING NUMBER	SIZE	DO NOT SCALE DRAWING COMPUTER AIDED DRAWING	REVISION LEVEL
1 OF 1	120-S-006-1-Z01	E		C

FCI PCI0563710

E SIZE SHEET