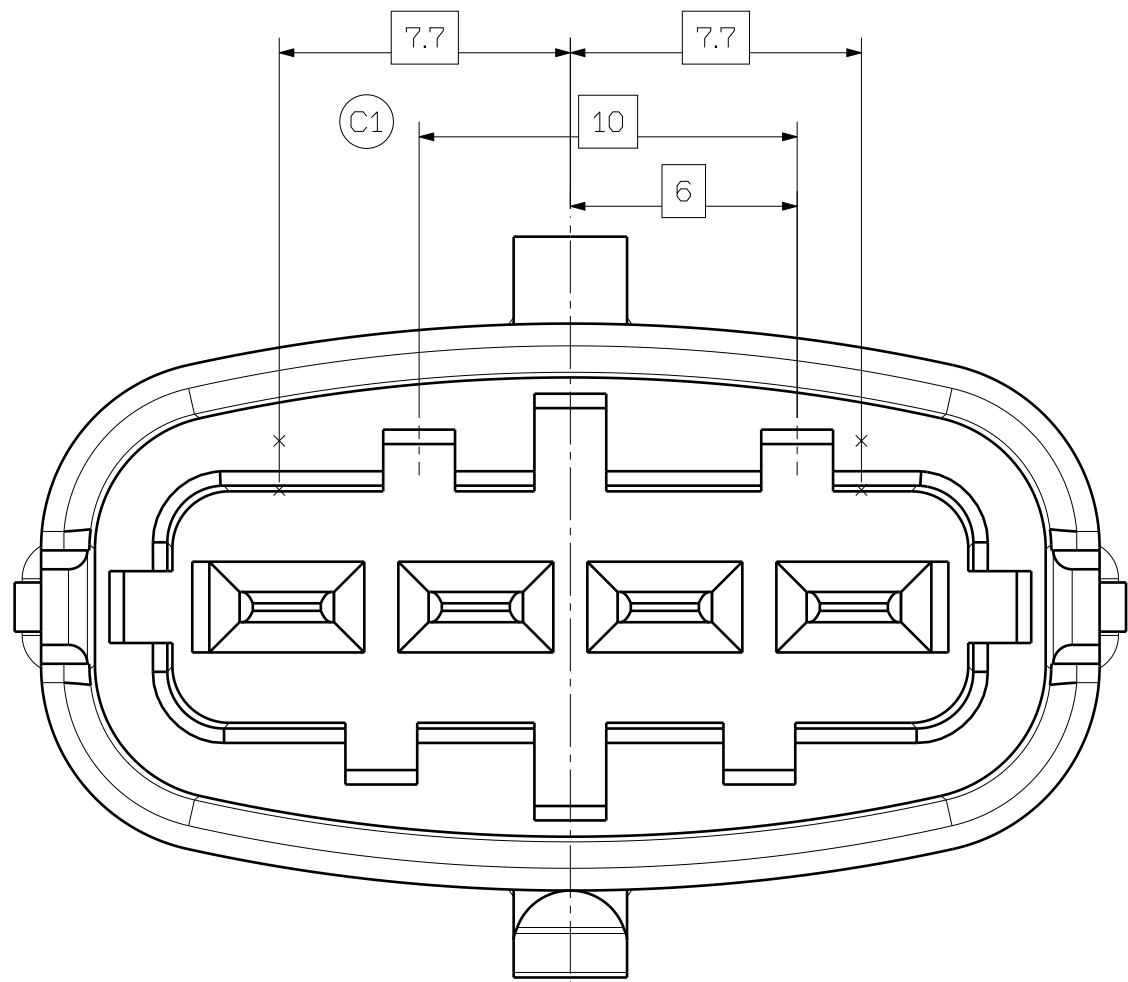
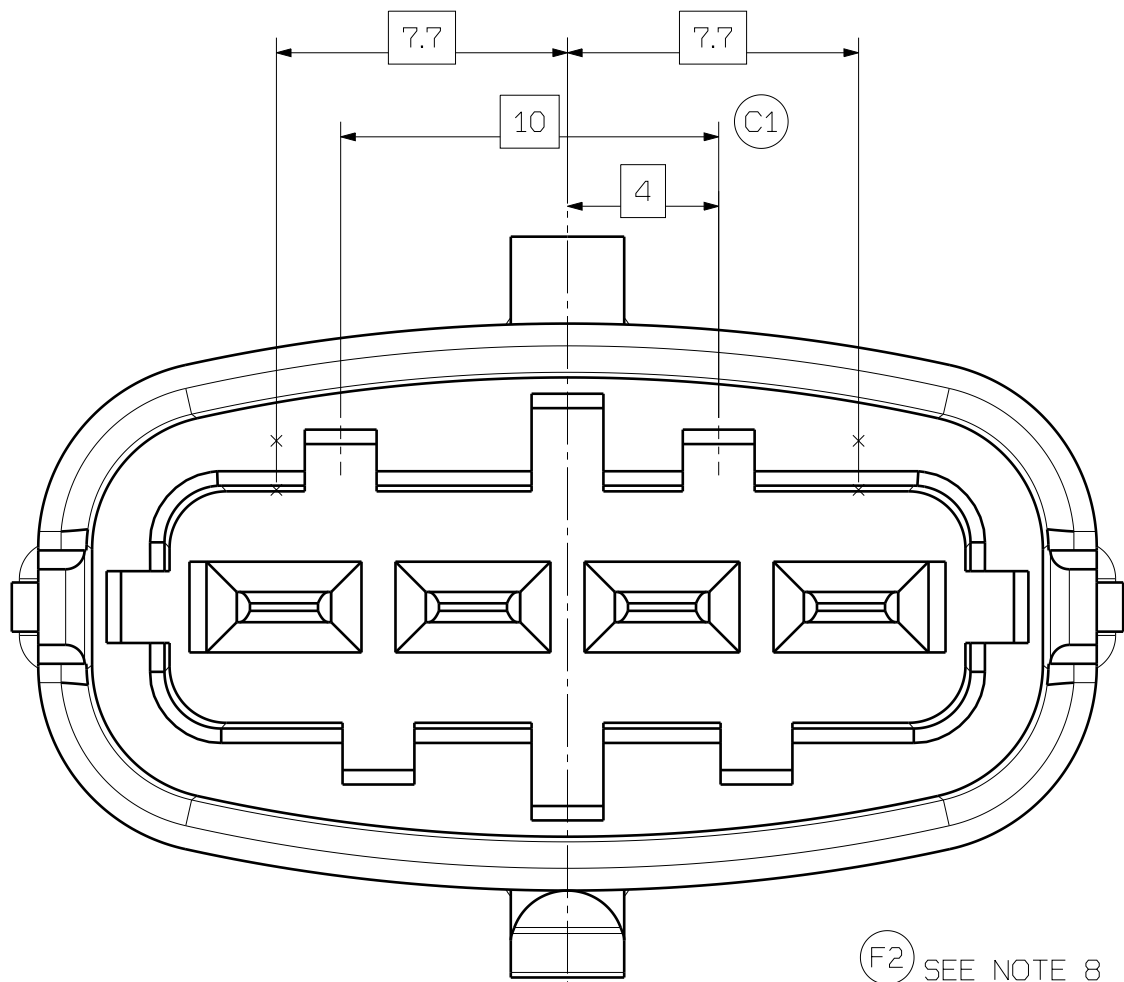
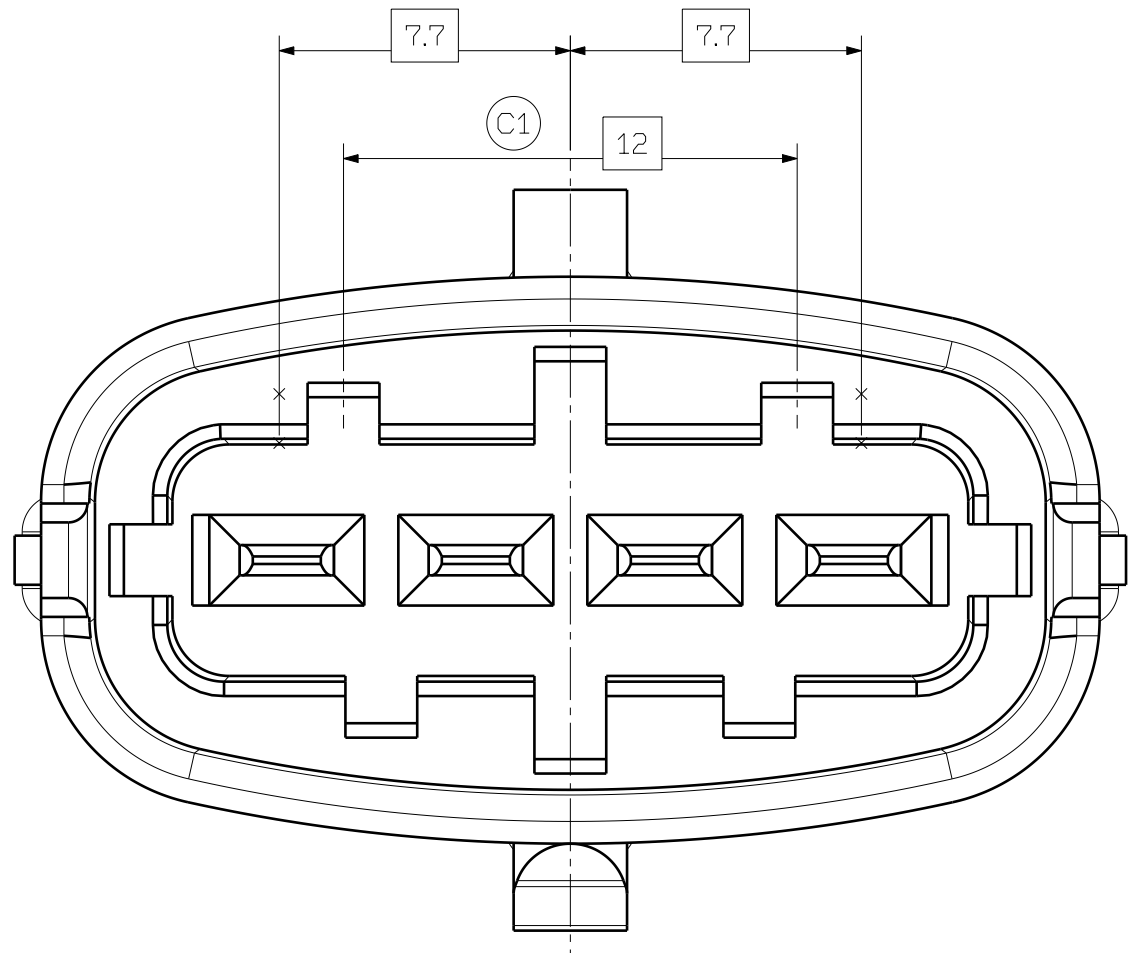




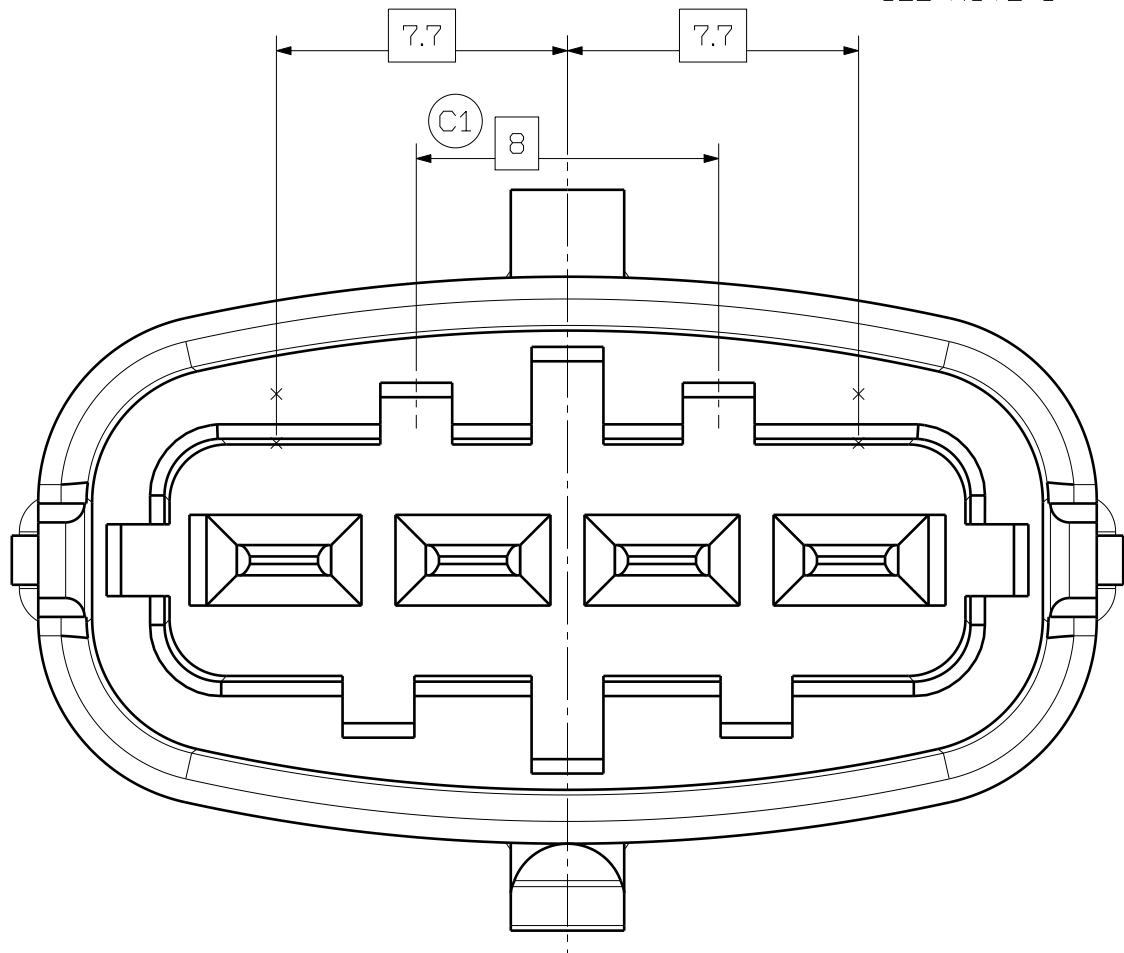
KEYING OPTION C
SCALE 5:1



KEYING OPTION D
SCALE 5:1



KEYING OPTION A
SCALE 5:1

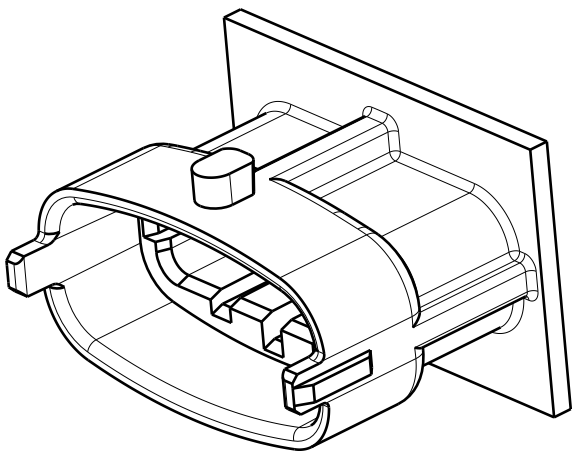
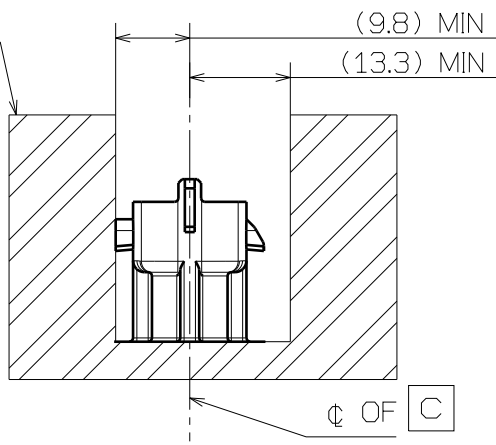
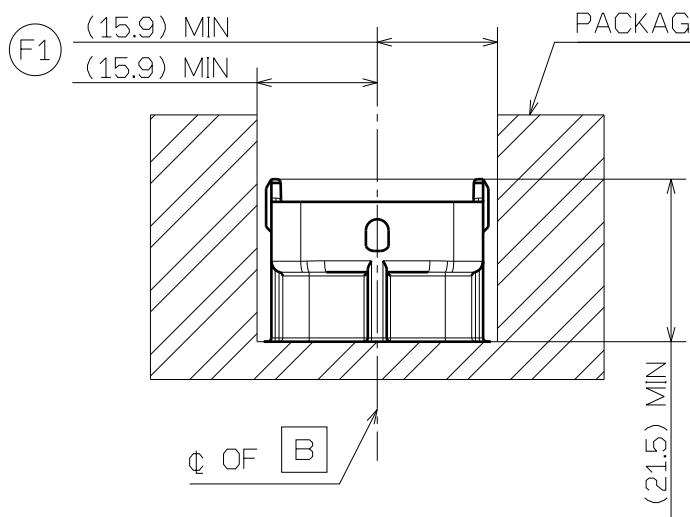


KEYING OPTION B
SCALE 5:1

(F3) NOTES: UNLESS OTHERWISE SPECIFIED

- (D1)
1. DIMENSIONING AND TOLERANCING PER ASME Y14.5M.
 2. 0.25 MAX RADII ON ALL CORNERS SHOWN SHARP.
 3. ALL UNSPECIFIED RADII 0.25 MAX.
 4. STANDARD COLORS FOR POLARIZATION (SEE CHART IN LEFT LOWER CORNER OF THE DRAWING SHEET).
 5. REFER TO "SAE/USCAR 12 CONNECTOR DESIGN CRITERIA" FOR ADDITIONAL REQUIREMENTS.
 6. EXCEPT WHERE NOTED, DRAFT ON OUTSIDE SURFACES IS PERMISSIBLE WITHIN TOLERANCE.
 7. SYMBOL INDICATES DRAFT DIRECTION.
 8. FOR TERMINAL MATERIAL, DIMENSIONAL, AND OTHER REQUIREMENTS, SEE EWCAP 001 TERMINAL 280-T001
 9. TO CLAIM USCAR COMPLIANCE, PARTS DESIGNED AND PRODUCED TO THIS FOOTPRINT DRAWING MUST BE TESTED TO, AND MEET, THE REQUIREMENTS OF SAE/USCAR 2.
 10. SYMBOL DENOTES RECOMMENDED DIMENSIONS THAT MAY BE USED TO MONITOR PART QUALITY.
 11. WHEN USING SILVER PLATED TERMINALS, THE SILVER PLATING MUST STOP A MINIMUM OF 1MM FROM HEADER PLASTIC
 12. REVERSE DRAFT PERMISSIBLE IN LATCH DETAILS.
 13. 2.8MM WIDE BLADES MAY BE PRESENT ON OLDER HEADERS.

280-S-004-1-A02	A	BLACK
280-S-004-1-B02	B	LIGHT GRAY
280-S-004-1-C02	C	DARK GRAY
280-S-004-1-D02	D	BLACK
EWCAP P/N	OPTION	COLOR



SCALE 2:1

NOTICE

THIS DRAWING, OR PORTIONS OF IT, ARE CONTROLLED BY THE ELECTRICAL WIRING COMPONENTS APPLICATION PARTNERSHIP (EWCAP).

A SUBGROUP OF THE UNITED STATES COUNCIL FOR AUTOMOTIVE RESEARCH LLC (USCAR LLC).

USCAR IS A LLC CONSISTING OF MEMBERS FROM FCA USA LLC, FORD MOTOR COMPANY, AND GM CORPORATION.

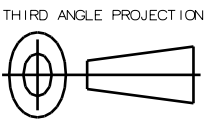
ANY CHANGE TO AN EWCAP CONTROLLED PORTION OF THIS DRAWING, INCLUDING A REVISION RECORD, MUST BE APPROVED IN WRITING BY THE RESPONSIBLE EWCAP REPRESENTATIVE FROM EACH USCAR MEMBER COMPANY.

EACH EWCAP REPRESENTATIVE AUTHORIZED TO SIGN FOR HIS OR HER MEMBER COMPANY IS RESPONSIBLE FOR OBTAINING ALL NECESSARY APPROVALS WITHIN THAT COMPANY, PRIOR TO SIGNING FOR THE 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 APPROVAL, SIGNED BY THE AUTHORIZED REPRESENTATIVES, OF THE USCAR MEMBER COMPANIES. REFERENCE TO THE SIGNED CHANGE NOTICE MUST BE ENTERED IN THE DRAWING CONTROL COLUMN.

171	F8	ADD LEGAL NOTICE SHEET	7-19-2021	JF	PS
171	F7	ADDED SEALING SURFACE QUALITY NOTE	7-19-2021	JF	PS
171	F6	BLADE LENGTH MEASURE FROM DATUM A	7-19-2021	JF	PS
171	F5	CORRECT DATUM CALLOUT POSITION	7-19-2021	JF	PS
171	F4	UPDATE DATUM POINTS	7-19-2021	JF	PS
171	F3	UPDATE AND REORGANIZE NOTES	7-19-2021	JF	PS
171	F2	REMOVE BLADE REFERENCE DIMENSION	7-19-2021	JF	PS
171	F1	ADD PACKAGING FRAME DETAIL	7-19-2021	JF	PS
138	E3	WAS (15 ±0.1)	12-9-2016	RT	NT
138	E2	WAS 4X (R 4.945 +0.1-0)	12-9-2016	RT	NT
138	E1	ADDED 2XR 47.17 ±0.5	12-9-2016	RT	NT
113	D2	Corrected Dimension Line Location	12-21-15	DI	NT
113	D1	was 0.25.	12-21-15	DI	NT
CHANGE SERIAL NUMBER	LET	REVISION RECORD	DATE	DWN	CHK

TOLERANCES (UNLESS OTHERWISE SPECIFIED)
DIMENSIONS ARE IN MILLIMETERS
ANGLES ± 0° 30'

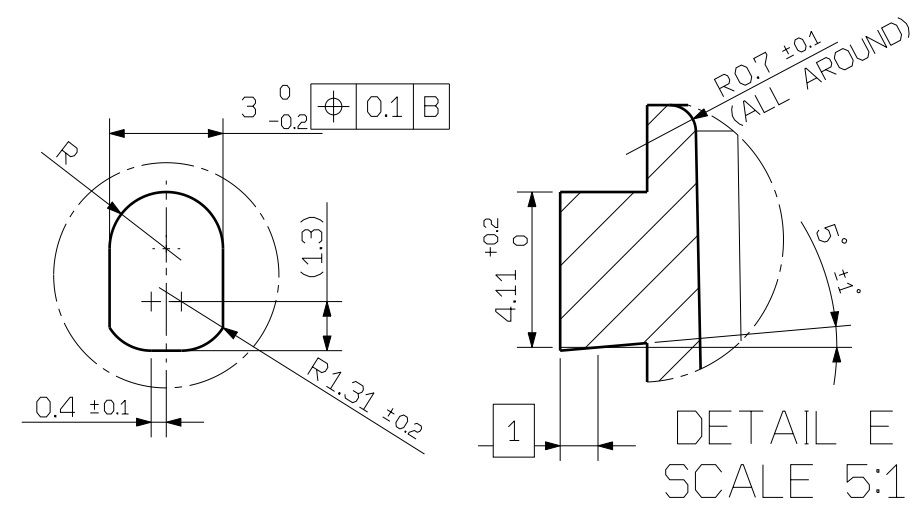


EWCAP

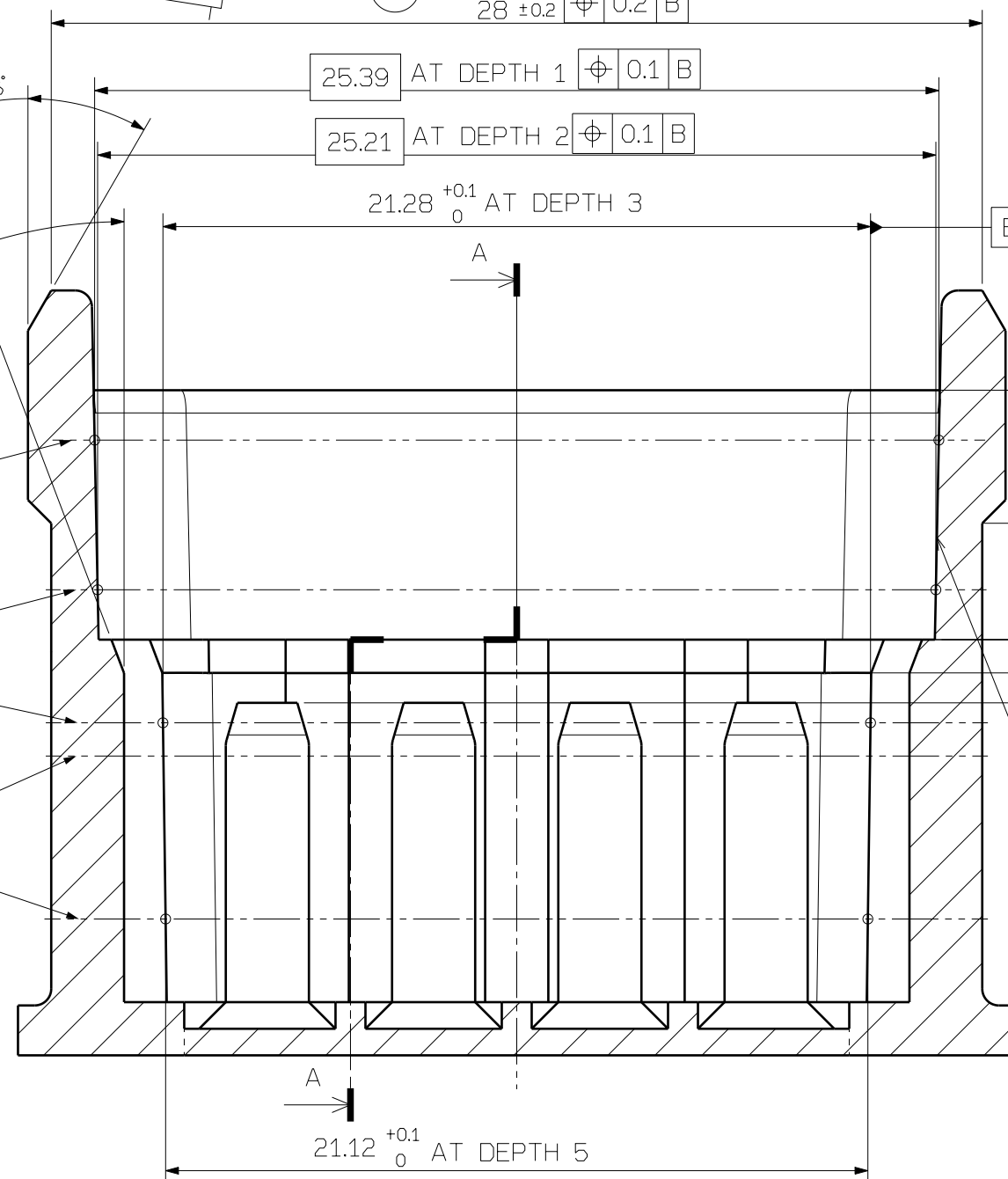
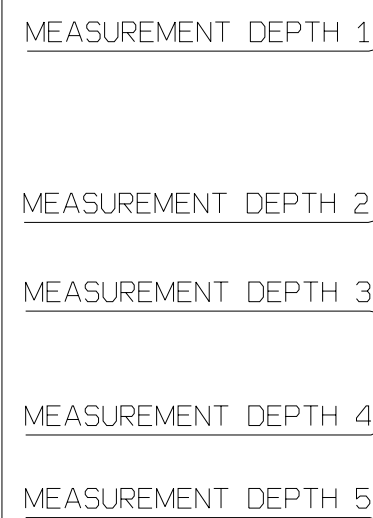
SCALE	5:1	DRAWN BY	C.H. CHAN	CHECKED BY	K. INOUE	DATE	04-10-14
TITLE	2.8mm 4WAY SINGLE ROW SEALED DEVICE CONNECTOR						
SHEET	1 OF 2	DRAWING NUMBER	280-S-004-1-Z02	SIZE	C	DO NOT SCALE DRAWING COMPUTER AIDED DRAWING	REVISION LEVEL F

SUMITOMO ELECTRIC
WIRING SYSTEMS
CCH.UFB914.12.21.2015

DRW SIZE A2/C



SECTION A-A (F4)



SECTION B-B



CONSTRUCTION BELOW THIS SURFACE
IS NOT CONTROLLED BY EWCAP.
NO PLASTIC FEATURE MAY EXTEND
ABOVE THE MINIMUM DIMENSION INDICATED.

SEALING SURFACE AREA TO BE FREE OF PARTING LINES, MISMATCH, SINKMARKS, ETC. Ra 6.3a MAX THIS AREA OF TOOL MEASURED WITH A CONTACT PROFILOMETER BETWEEN MEASUREMENT DEPTH 1 AND 2 (F7)

EWCAP

SCALE 5:1	DRAWN BY C.H. CHAN	CHECKED BY K. INOUE	DATE 04-10-14
TITLE 2.8mm 4WAY SINGLE ROW SEALED DEVICE CONNECTOR			
SHEET 2 OF 2	DRAWING NUMBER 280-S-004-1-Z02	SIZE C	DO NOT SCALE DRAWING COMPUTER AIDED DRAWING REVISION LEVEL F

SUMITOMO ELECTRIC
WIRING SYSTEMS
CCH.UFB914.12.21.2015

DRW SIZE A2/C

F8

NOTICE

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APPLICABLE EWCAP DRAWING NUMBERS:
280-S-004-1-Z02
