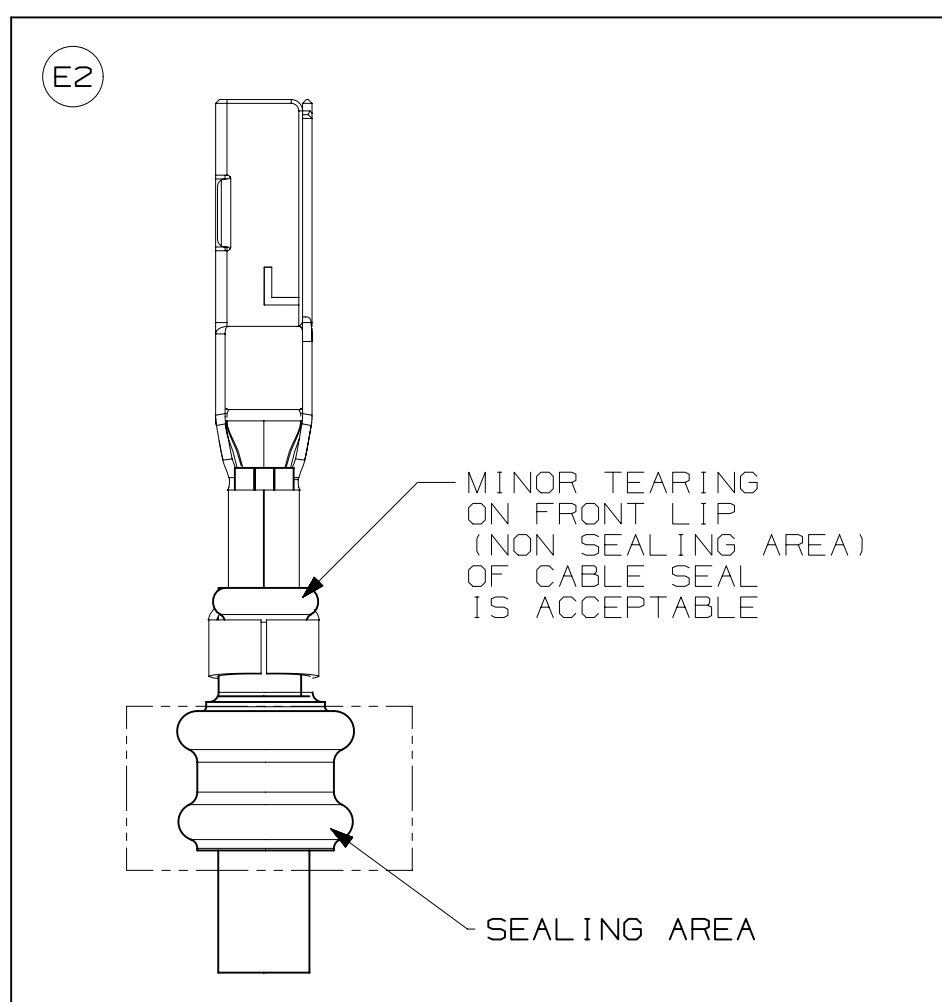
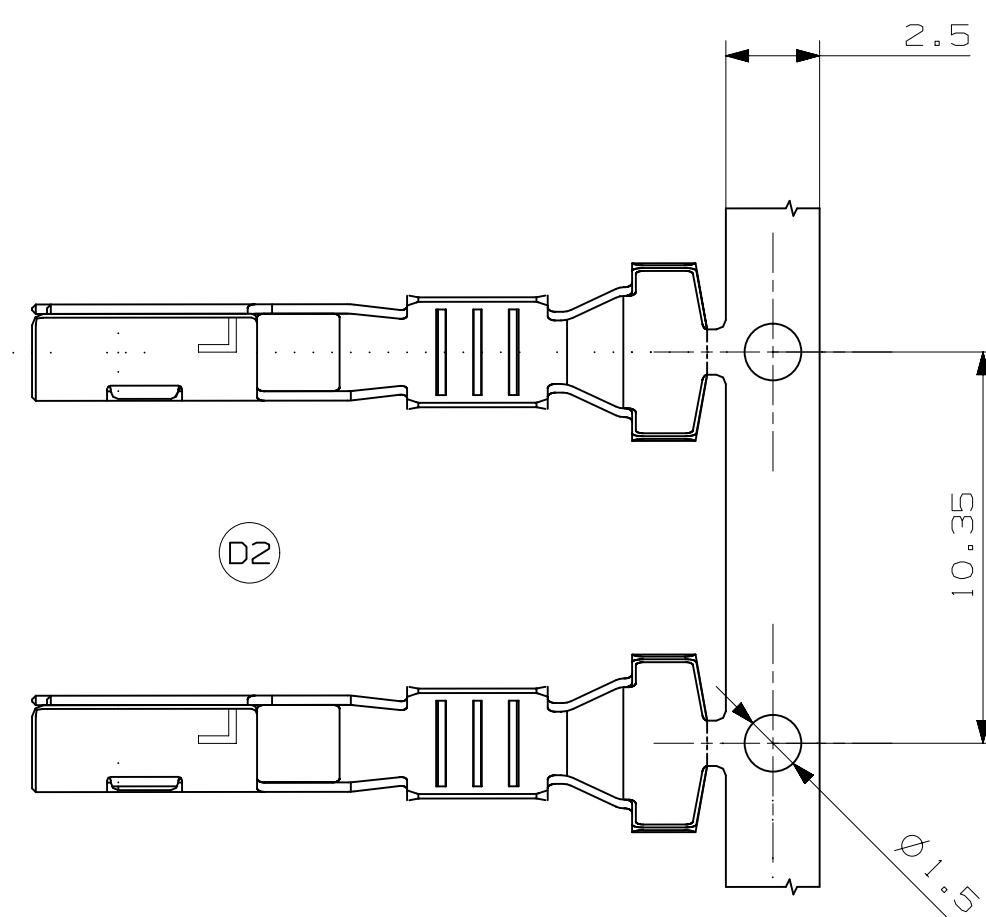
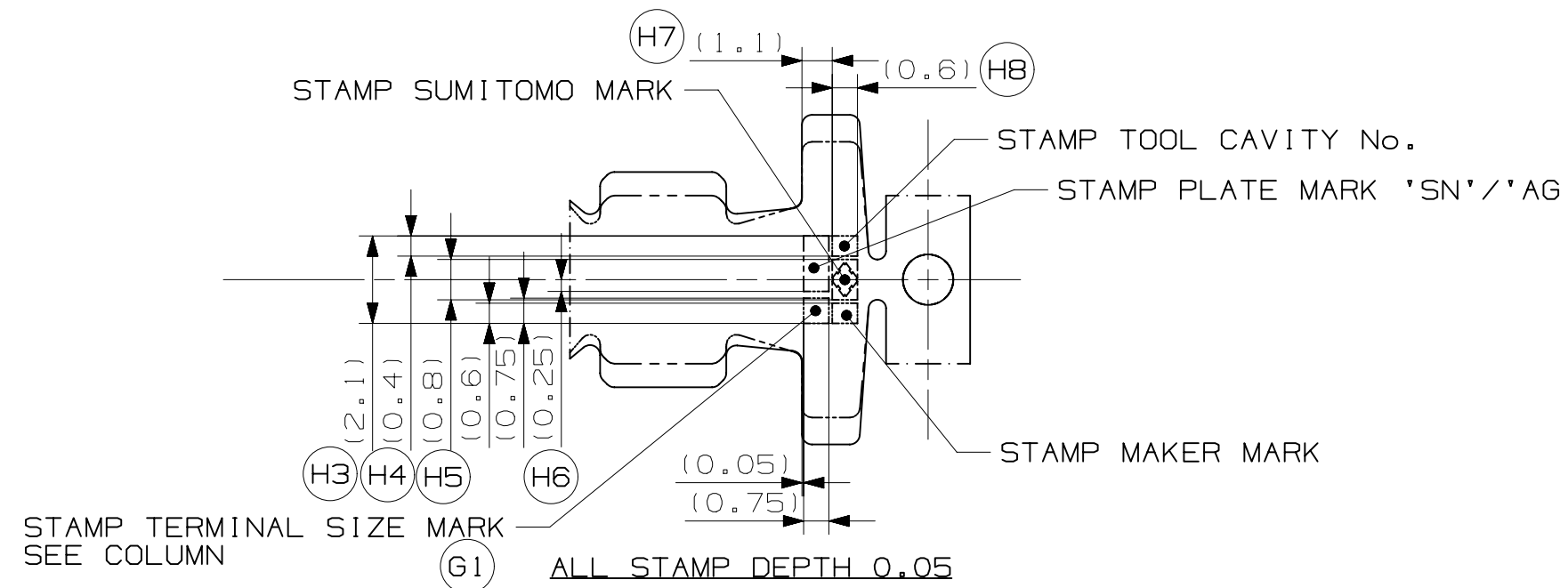
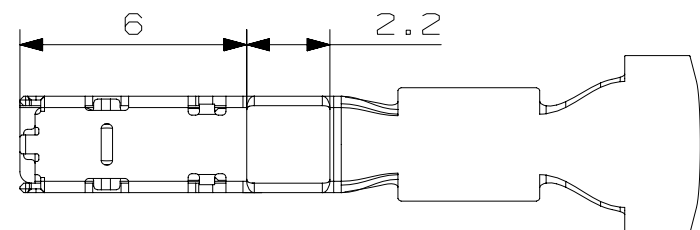
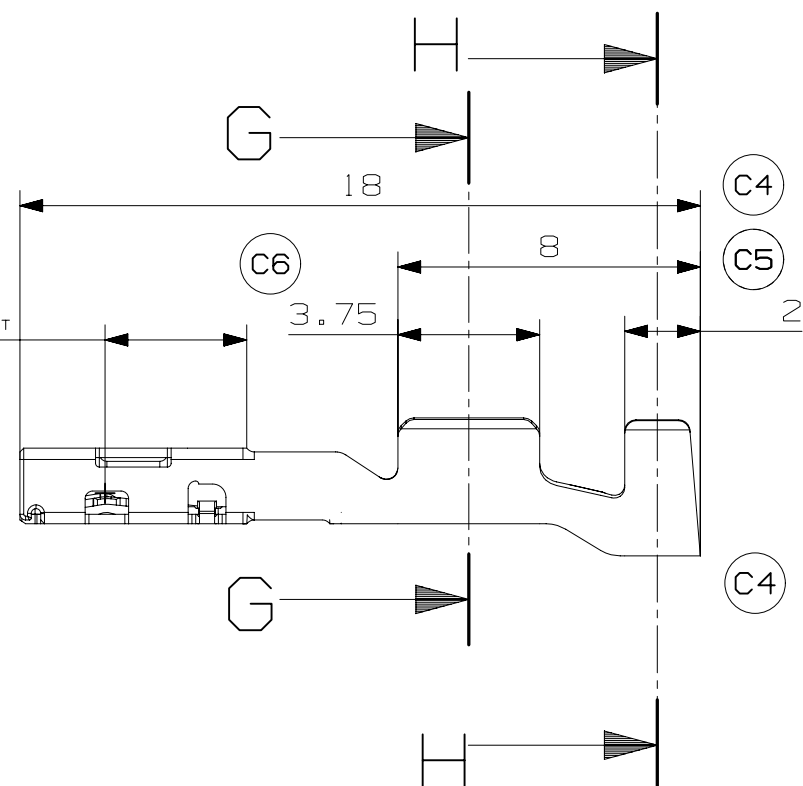
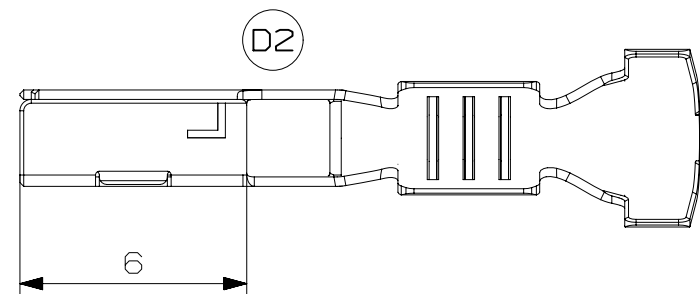
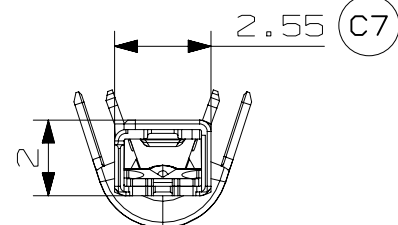
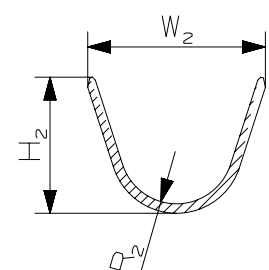
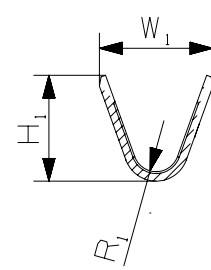


FORD PART NO.	SUPPLIER PART NO.	DESCRIPTION	STAMP MARK	TRC(S)	GREASED Y / N	BASE MATERIAL	TOP PLATING MATERIAL	TOP PLATING THICKNESS (µm)	SUBSTRATE PLATING MATERIAL	SUBSTRATE PLATING THICKNESS (µm)	COPPER WEIGHT (g)	TOTAL WEIGHT (g)	MATERIAL THICKNESS (mm)	MAX. AMBIENT TEMPERATURE (°C)	CONDUCTOR MIN/MA X CSA (mm²)	INSULATION MIN/MAX OD (mm)	VIBRATION CLASS
EU5T-14474-DAB	8240-0509	1.2mm SEALED FEMALE S-TYPE	S	B837	N	C2600R-H	Sn	0.8-1.5	Cu	0.5-2.0	0.17g	0.24	0.25	125	0.35-0.5	1.4-1.70	V3
LU5T-14474-VA	8240-0680	1.2mm SEALED FEMALE S2-TYPE	S2	B837	N	C2600R-H	Sn	0.8-1.5	Cu	0.5-2.0	0.18g	0.25	0.25	125	0.35-0.5	1.2-1.85	V3
EU5T-14474-EAB	8240-0510	1.2mm SEALED FEMALE M-TYPE	M	B837	N	C2600R-H	Sn	0.8-1.5	Cu	0.5-2.0	0.19g	0.27	0.25	125	0.75-1.0	1.70-2.34	V3
EU5T-14474-FAB	8240-0511	1.2mm SEALED FEMALE S-TYPE	S	B837	N	C2600R-H	Ag	1.0-3.0	Cu	0.5-2.0	0.17g	0.24	0.25	150	0.35-0.5	1.4-1.70	V3
JU5T-14474-AHA	8240-0686	1.2mm SEALED FEMALE S2-TYPE	S2	B837	N	C2600R-H	Ag	1.0-3.0	Cu	0.5-2.0	0.18g	0.25	0.25	150	0.35-0.5	1.2-1.85	V3
EU5T-14474-GAB	8240-0512	1.2mm SEALED FEMALE M-TYPE	M	B837	N	C2600R-H	Ag	1.0-3.0	Cu	0.5-2.0	0.19g	0.27	0.25	150	0.75-1.0	1.70-2.34	V3

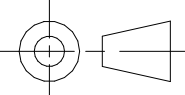


NOTE:

1. PARTS CONFORMS TO ALL APPLICABLE SECTIONS OF
FORD SDS VER 21
2. PARTS CONFORMS TO ALL APPLICABLE SECTIONS OF
SAE/USCAR-2 REV5
SAE/USCAR-12 REV2
SAE/USCAR-21 (UNDER VALIDATION)
3. MAXIMUM MATING FORCE FOR SINGLE S_n TERMINAL IS 6.5N
 A_g TERMINAL IS 7.4N
4. N/A
5. CAVITY SPECIFICATIONS, SEE SHEET 2.
6. USCAR-21 VALIDATED CRIMP TOOL DIMENSIONS TBD.
7. [METRIC WIRES]
*1 SEAL RETENTION FORCE IS 7.3N
*2 SEAL RETENTION FORCE IS 6.8N
*3 SEAL RETENTION FORCE IS 6.1N
*4 SEAL RETENTION FORCE IS 5.5N
*5 SEAL RETENTION FORCE IS 5.9N
*6 SEAL RETENTION FORCE IS 6.5N

GENERAL TOLERANCES		
OVER	LESS THAN	
	10	±0.2
10	50	±0.3

LU5T-14474-VA
EU5T-14474-EAB
EU5T-14474-FAB
JU5T-14474-AHA
EU5T-14474-GAB

REFERENCE SEALED 1.2 FEMALE TERMINAL			
PART MUST COMPLY WITH RESTRICTED SUBSTANCE MANAGEMENT STANDARD WSS-M99P9999-A1 TO SAFEGUARD HEALTH, SAFETY AND THE ENVIRONMENT			
DRAFTED IN ACCORDANCE WITH FORD MOTOR COMPANY ENGINEERING CAD AND DRAFTING STANDARDS VERSION 18		 3RD ANGLE PROJ DIMENSIONS ARE IN MILLIMETERS	
CAD TYPE Z-NX	CAD LOC. OTHER	CAD FILE EU5T-14474-DAB	DTMC IS MASTER
OPER NO.	UNIT	DRAWING EU5T-14474-DAB	
DESIGN JL	DETAIL JL	TITLE TRMNL WIR SNP ON FEM	
CHECKED MS	SAFETY	SHT 1 OF 3	
SCALE 5:1	DATE 20121119	DIVISION PLANT -	
			

LTRS	REVISIONS		
ORIGINATOR	CHECKER	ENGR APP	MATL APP
A RELEASED			
AELE E 11783930 268		20121119	
J.LANZOTTI	M. SPENCER	J. PITTENGER	
B1 ADDED SHEET 2 (CAVITY SPECIFICATION)			
AELE E 11783930 294		20130725	
J.LANZOTTI	M. SPENCER	J. PITTENGER	
REMOVED EU5T-14474-DAA,EAA,FAA,GAA C1 UPDATED SUMITOMO PART NUMBERS C2 WAS 4.7 C3 WAS 3.6 C4 WAS 17.9 C5 WAS 7.9 C6 WAS 3.7 C7 WAS 2.53 C8 ADDED CRIMP REFERENCE INFORMATION RELEASED EU5T-14474-DAB,EAB,FAB,GAB			
AELE E 11783930 308		20131007	
J.LANZOTTI	M. SPENCER	J. PITTENGER	
D1 ADDED SHEET 3 (CRIMPING TOOL DIMENSIONS) D2 UPDATED VIEWS TO MATCH PART AS PRODUCED			
AELE E 11783930 320		20140205	
J.LANZOTTI	M. SPENCER	J. PITTENGER	
E1 WAS +0.2 E2 ADDED TERMINAL CABLE SEAL VIEW			
AELE E 11783930 328		20140617	
J.LANZOTTI	M. SPENCER	J. PITTENGER	
F1 WAS AU5T-14603-EA			
AELE E 11783930 379		20151001	
J.KIM	B. NATTER	J. PITTENGER	
G1 ADDED TERMINAL STAMP DETAIL			
AELE E 11783930 393		20151218	
J.KIM	M. SPENCER	J. PITTENGER	
H1 UPDATE CRIMP REFERENCE INFORMATION H2 ADDED NOTE 7 H3 WAS 2.6 H4 WAS 0.6 H5 WAS 1.2 H6 WAS 0.35 H7 WAS 0.9 H8 WAS 0.75 REVISED DIMENSION ON FLAT STATE ONLY TO MATCH PART AS MANUFACTURED			
AELE E 11783930 410		20160714	
Y.KITAGAWA	W.LYONS	J. PITTENGER	
RELEASED LU5T-14474-VA, JU5T-14474-AHA J1 ADDED COLUMN J2 UPDATED CHART J3 UPDATE NOTE 7 AELE-11783930-446			
		20171128	
R.THOMAS	M.SPENCER	J. PITTENGER	SUMITOMO

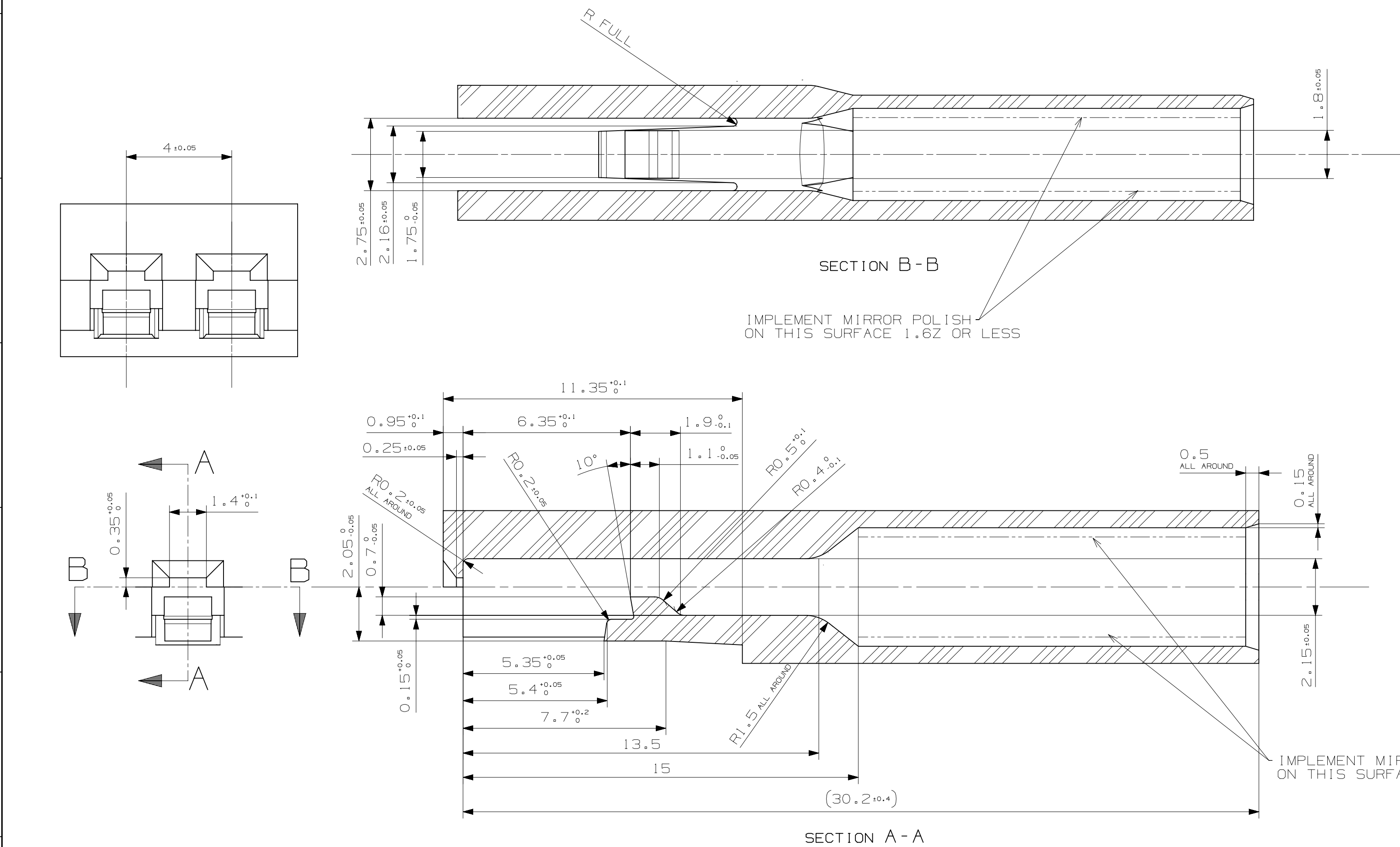
	SEWS RELEASE LEVEL	
	PRODUCTION	
APPLICATION		
SEWS DRAWING/PART NUMBER	WEIGHT (g)	
8240-0509	0.24g	

FORD PART NO.	WIRE SEAL PART NO.	WIRE TYPE / SPECIFICATION (DESIGN INTENT)	WIRE SIZE (AWG/mm ²)	STRIP LENGTH (±0.51mm)	CONDUCTOR CRIMP		INSULATION CRIMP		Notes
					C.C.W (±0.05mm)	C.C.H (±0.05mm)	I.C.W (±0.1mm)	I.C.H (±0.05mm)	
EU5T-14474-DAB EU5T-14474-FAB	HU5T-10C930-HA	ESB-MIL120-A	AWG 22	5.0	1.85	0.97	3.0	3.00	
		ESB-MIL123-A	AWG 20	5.0	1.85	0.95	3.0	3.15	
	HU5T-10C930-JA	ES-AU5T-1A348-AA	0.35mm	5.0	1.85	0.97	3.0	2.60	*1
			0.5mm	5.0	1.85	0.95	3.0	2.90	*2
LU5T-14474-VA JU5T-14474-AHA	HU5T-10C930-HA	ESB-MIL120-A	AWG 22	5.0	1.70	0.85	3.0	2.95	
		ESB-MIL123-A	AWG 20	5.0	1.70	0.95	3.0	3.10	
	HU5T-10C930-JA	ES-AU5T-1A348-AA	0.35mm	5.0	1.70	0.85	3.0	2.85	*5
			0.5mm	5.0	1.70	0.95	3.0	2.95	*6
EU5T-14474-EAB EU5T-14474-GAB	HU5T-10C930-GA	ESB-MIL120-A	AWG 18	5.0	2.05	1.05	3.25	3.35	
		ESB-MIL123-A	AWG 16	5.0	2.05	1.25	3.25	3.60	
	HU5T-10C930-HA	ES-AU5T-1A348-AA	0.75mm	5.0	2.05	1.05	3.25	3.05	*3
			1.0mm	5.0	2.05	1.20	3.25	3.35	*4

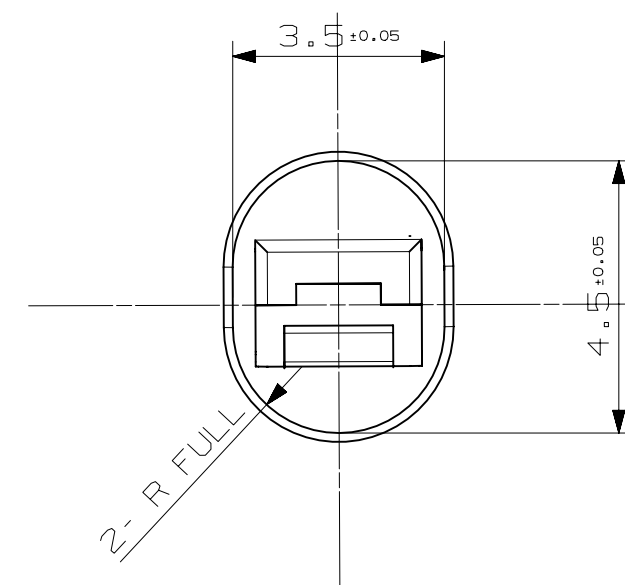
C8
H1

A

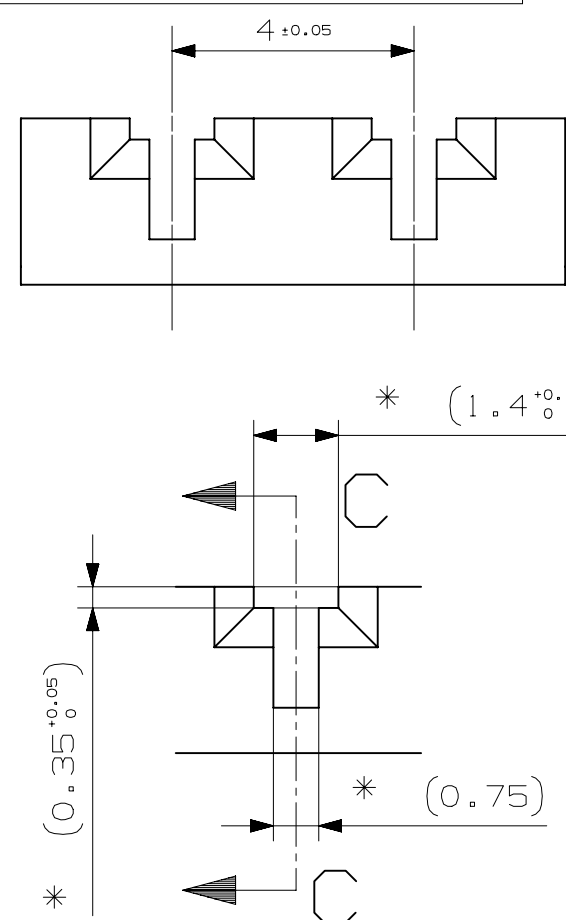
17	18	19
HOUSING CAVITY DETAIL		



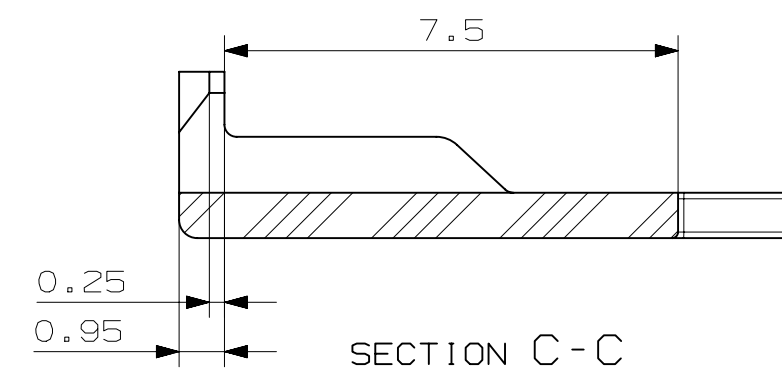
1. CAVITY DESIGN SHOWN IS BASED ON MATERIAL USAGE PBT. USER OF THIS CAVITY DESIGN IS RESPONSIBLE FOR NECESSARY MODIFICATIONS REQUIRED FOR A SPECIFIC APPLICATION OR MATERIAL.
2. UNLESS OTHERWISE SPECIFIED ALL RADIUS TO BE 0.30 MIN.
3. GENERAL TOLERANCES, ± 0.10 MAX 10, ± 0.20 MAX 20, ± 0.25 MAX 50.
4. UNDIMENSIONED FEATURES ARE AT THE DISCRETION OF THE COMPONENT DESIGNER.
5. CAVITY TO BE USED WITH SUMITOMO 1.2mm SEALED TERMINAL
6. UNLESS OTHERWISE SPECIFIED, ALL DRAFT TO BE WITHIN DIMENSIONAL TOLERANCE.
7. EXTERNAL CAVITY PROFILE FOR REFERENCE ONLY.



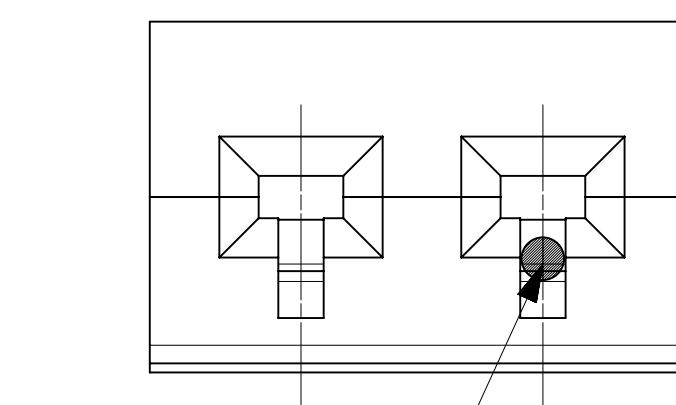
TPA CAVITY DETAIL



1. CAVITY DESIGN SHOWN IS BASED ON MATERIAL USAGE PBT
USER OF THIS CAVITY DESIGN IS RESPONSIBLE FOR NECESSARY
MODIFICATIONS REQUIRED FOR A SPECIFIC APPLICATION OR MATERIAL.
2. UNLESS OTHERWISE SPECIFIED ALL RADIUS TO BE
0.30 MIN.
3. GENERAL TOLERANCES, ± 0.10 MAX 10, ± 0.20 MAX 20,
 ± 0.25 MAX 50.
4. DIMENSIONED FEATURES ARE AT THE DISCRETION OF
THE COMPONENT DESIGNER.
5. DIMENSION MARKED "*" ARE FOR REFERENCE ONLY. COMPONENT
DESIGNER RESPONSIBLE FOR VERIFYING CONFORMANCE WITH
MATING PART AND TO CONFIRM THE ABSENCE OF ANY ISSUES.

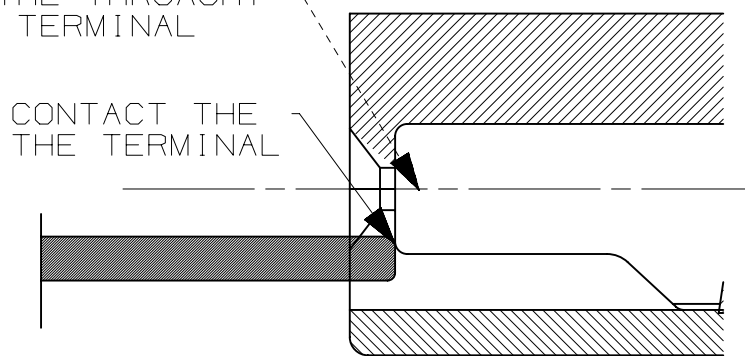


POGO PIN PROBE LOCATION



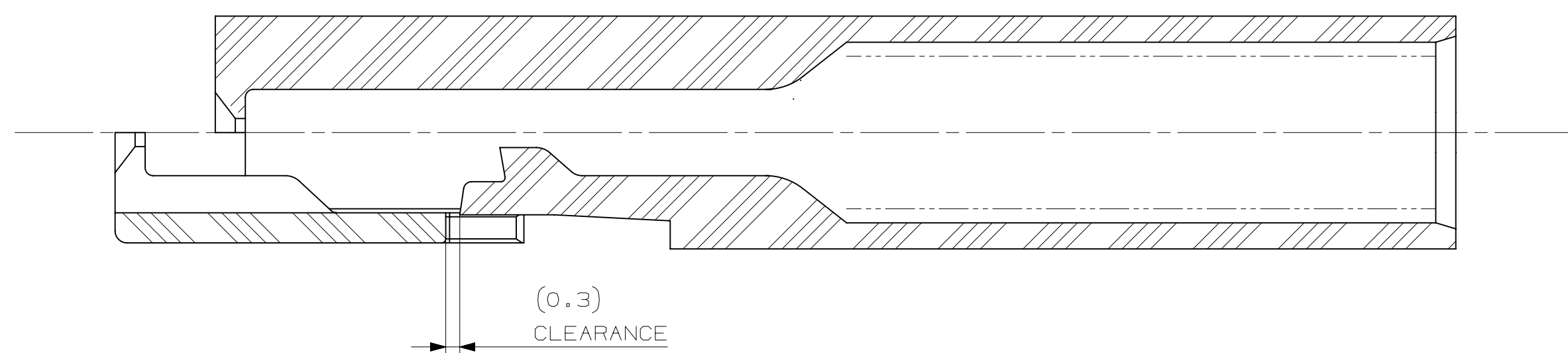
POGO PIN SHALL NOT
ENTER THE THROUGHT
OF THE TERMINAL

POGO PIN MUST CONTACT THE
FRONT FACE OF THE TERMINAL
IN THIS AREA

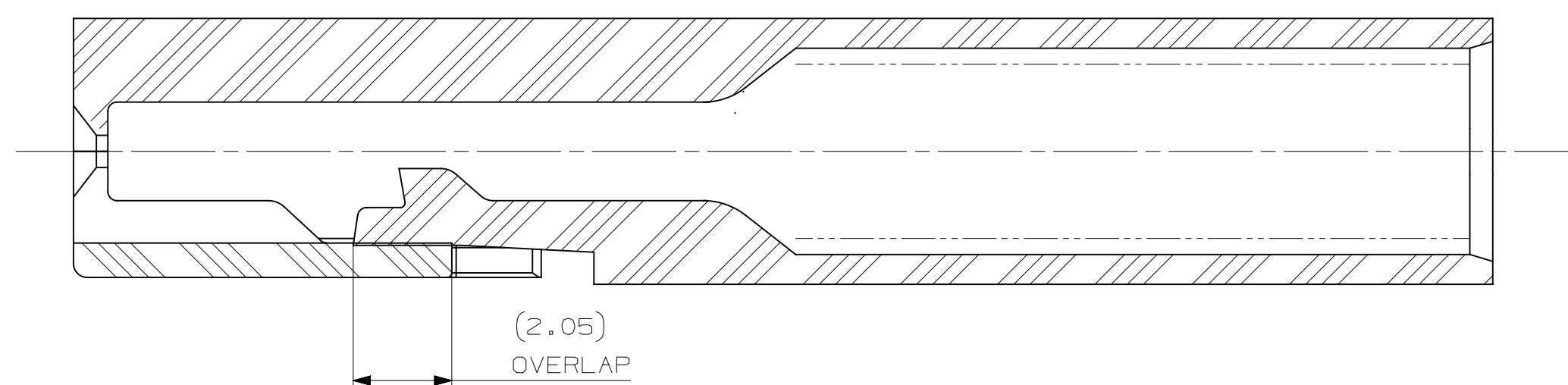


POGO PIN OR PROBE CAN NOT
CAUSE ANY PHYSICAL DAMAGE
TO THE TERMINAL OR CONNECTOR

TPA PRE-STAGED POSITION



TPA LOCKED POSITION



GENERAL NOTES:

1. BY USING ANY INFORMATION CONTAINED IN THIS DRAWING (SUMITOMO ELECTRIC WIRING SYSTEMS), THE USER AGREES AGRESS TO THE FOLLOWING:

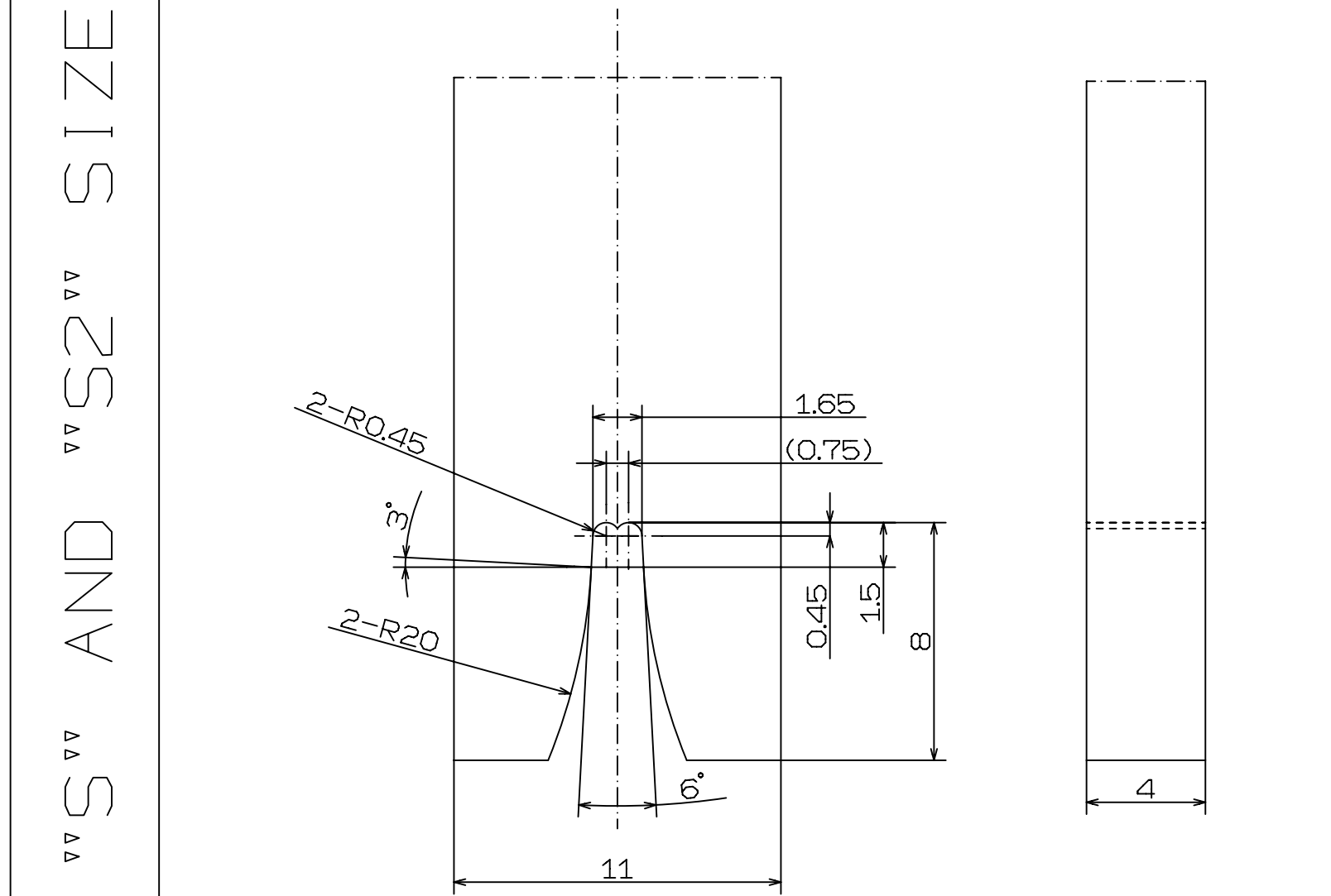
1. ANY USE OF THE INFORMATION SHOWN IN THE DRAWING FOR ANY PURPOSE OTHER THAN CAVITY DESIGN IS PROHIBITED.
2. ANY IMPLIED WARRANTIES OF MECHANABILITY, FITNESS FOR A PARTICULAR PURPOSE OR NON-FRAGMENT OF ANY THIRD PARTY INTELLECTUAL PROPERTY ARE EXPRESSLY DISCLAIMED AND EXCLUDED. THE ENTIRE RISK AS TO THE RESULT OBTAINED BY USING THE SUMITOMO INFORMATION IS ASSUMED BY THE USER.
3. SUMITOMO ELECTRIC WIRING SYSTEMS SHALL NOT BE LIABLE FOR ANY LOSS OR INJURY TO EARNINGS, PROFITS, GOODWILL, OR ANY PUNITIVE, EXEMPLARY, DIRECT CHAIN, SPECIAL, INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES.
4. THE USER OF THE SUMITOMO ELECTRIC WIRING SYSTEMS INFORMATION AGREES TO DEFEND, IDENTIFY AND HOLD HARMLESS SUMITOMO ELECTRIC WIRING SYSTEMS AND ITS AFFILIATED ENTITIES, RESPECTIVE OFFICERS, EMPLOYEES, AND AGENTS FROM ANY AND ALL CLAIMS, COSTS, EXPENSES, DAMAGES, JUDGEMENTS, OR OTHER LOSSES INCLUDING THE COST OF INVESTMENT AND LITIGATION AND REASONABLE ATTORNEY'S FEES ARISING OUT OF THE USE OF THE SUMITOMO ELECTRIC WIRING SYSTEMS INFORMATION.
5. USER IS RESPONSIBLE FOR ANY SPECIFIC APPLICATION OF THE SUMITOMO ELECTRIC WIRING SYSTEMS INFORMATION.
6. MANUFACTURER RECOMMENDS THE USE OF SUMITOMO ELECTRIC WIRING SYSTEMS TERMINALS WITH THE CAVITY DESIGN SHOWN IN DRAWING.
7. SUMITOMO ELECTRIC WIRING SYSTEMS INFORMATION CANNOT BE USED BY ANY PERSON OR ENTITY FOR ANY PURPOSE OTHER THAN FORD APPLICATION.
8. ANY USE OF THE INFORMATION SHOWN ON THE DRAWING REQUIRES THE PRIOR WRITTEN CONSENT OF SUMITOMO ELECTRIC WIRING SYSTEMS OF FORD MOTOR COMPANY.

	DRAWING	REV	SHT
EU5T-14474-EAB	EU5T-14474-DAB	F	2
EU5T-14474-FAB	CAD FILE		OF 3
EU5T-14474-GAB	EU5T-14474-DAB	<i>Ford Motor Company</i>	

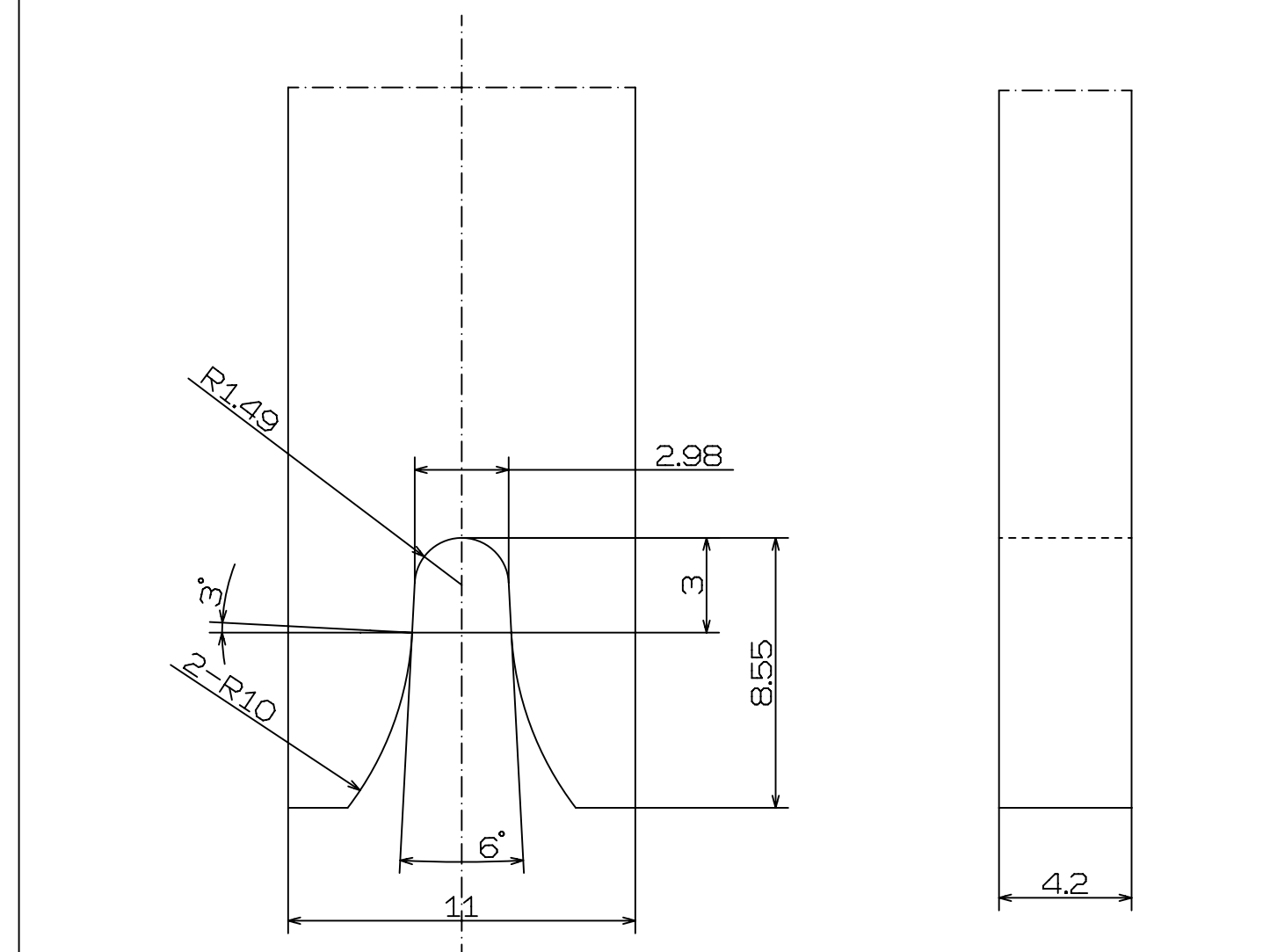
DRW SIZE A1/D

	CRIMPING TOOL DIMENSIONS (FOR REFERENCE ONLY)
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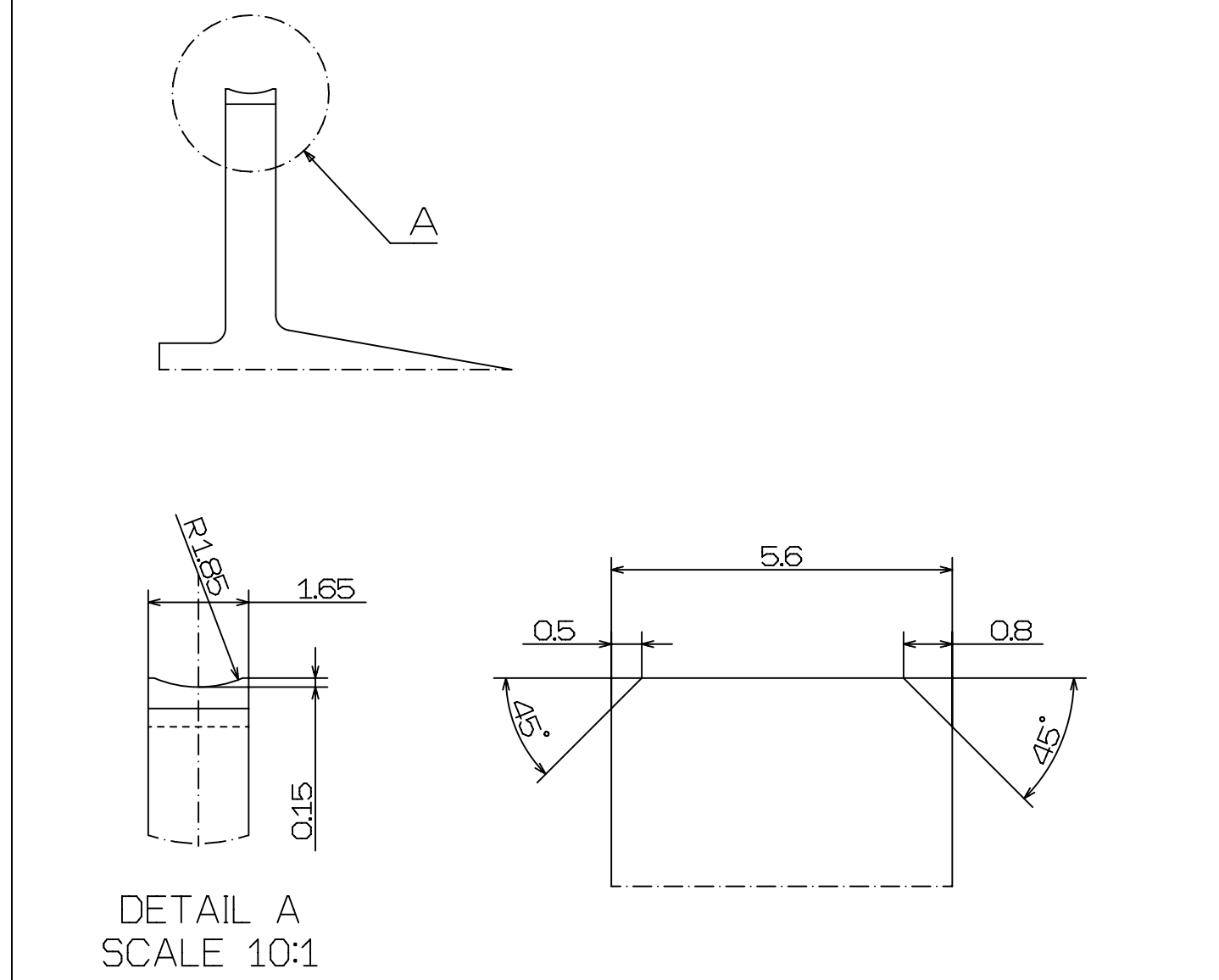
CONDUCTOR PUNCH



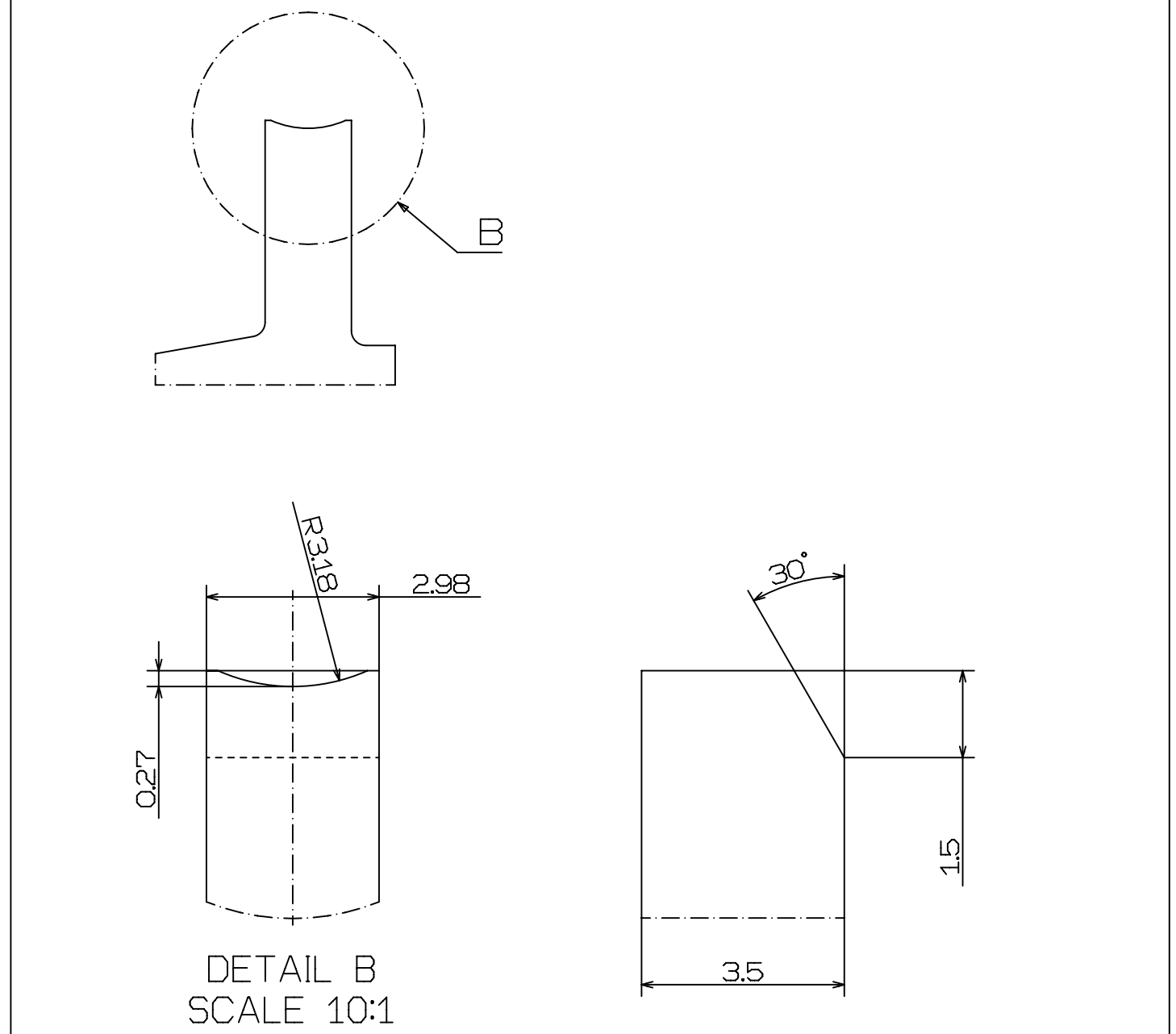
INSULATION PUNCH



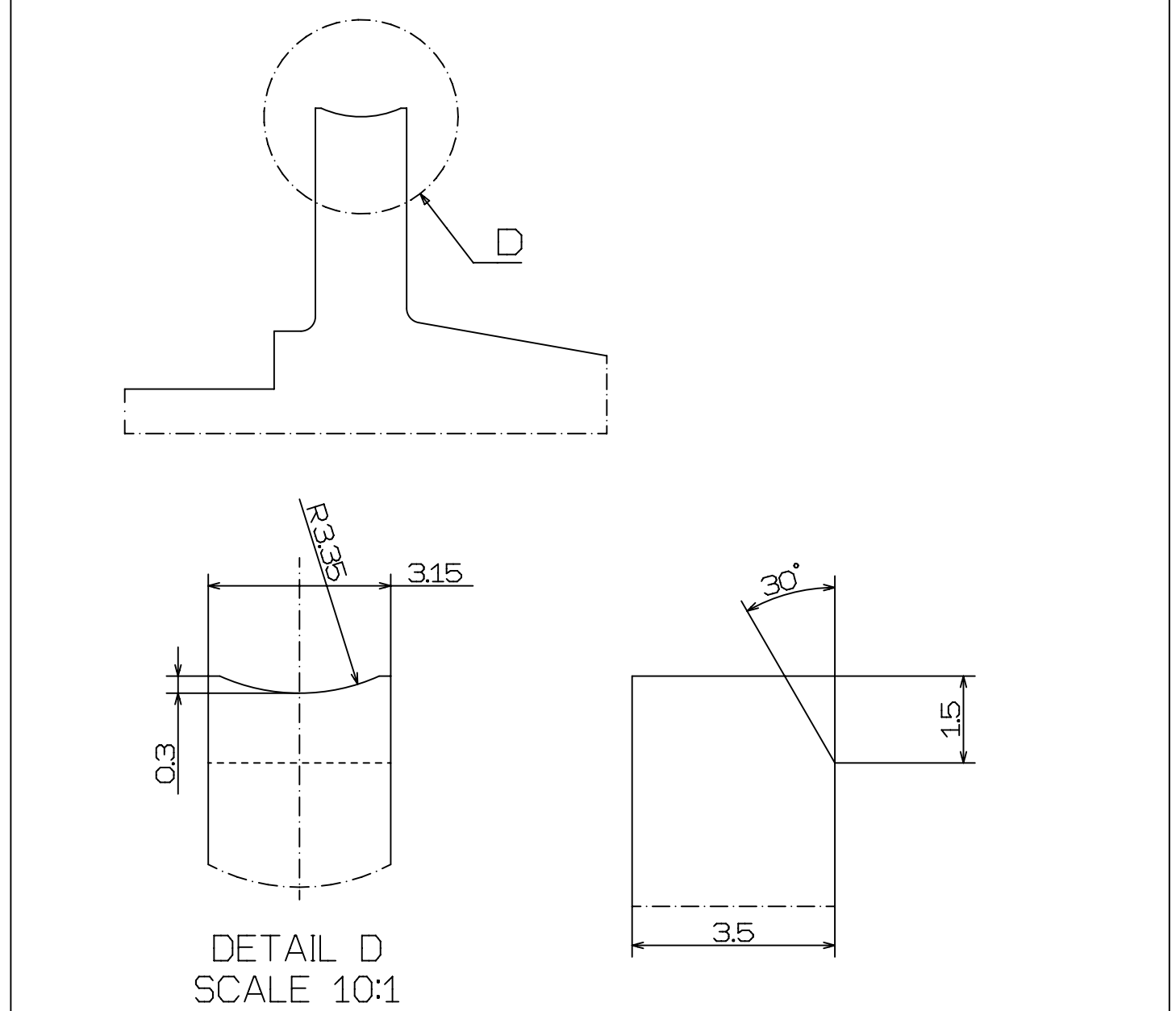
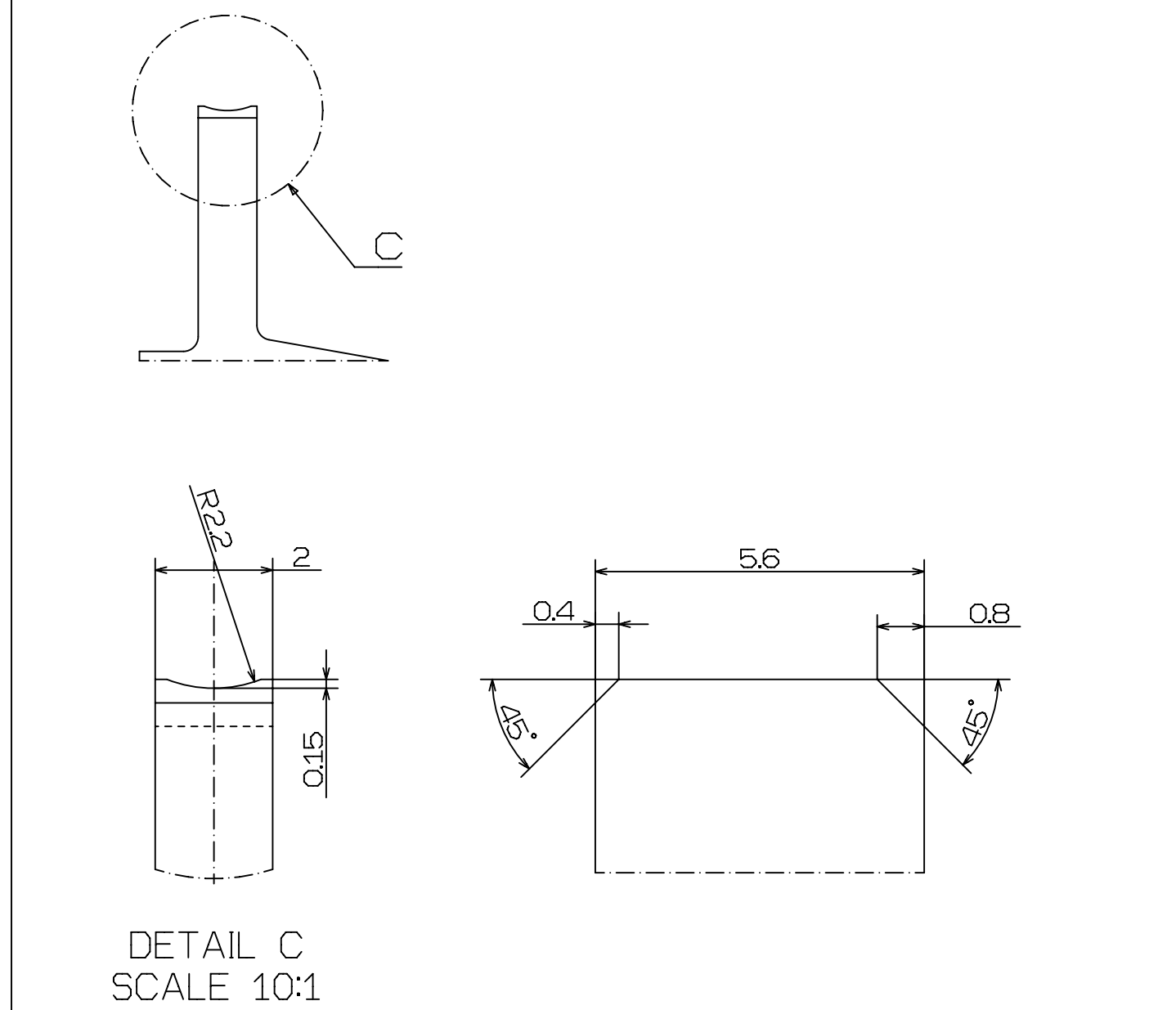
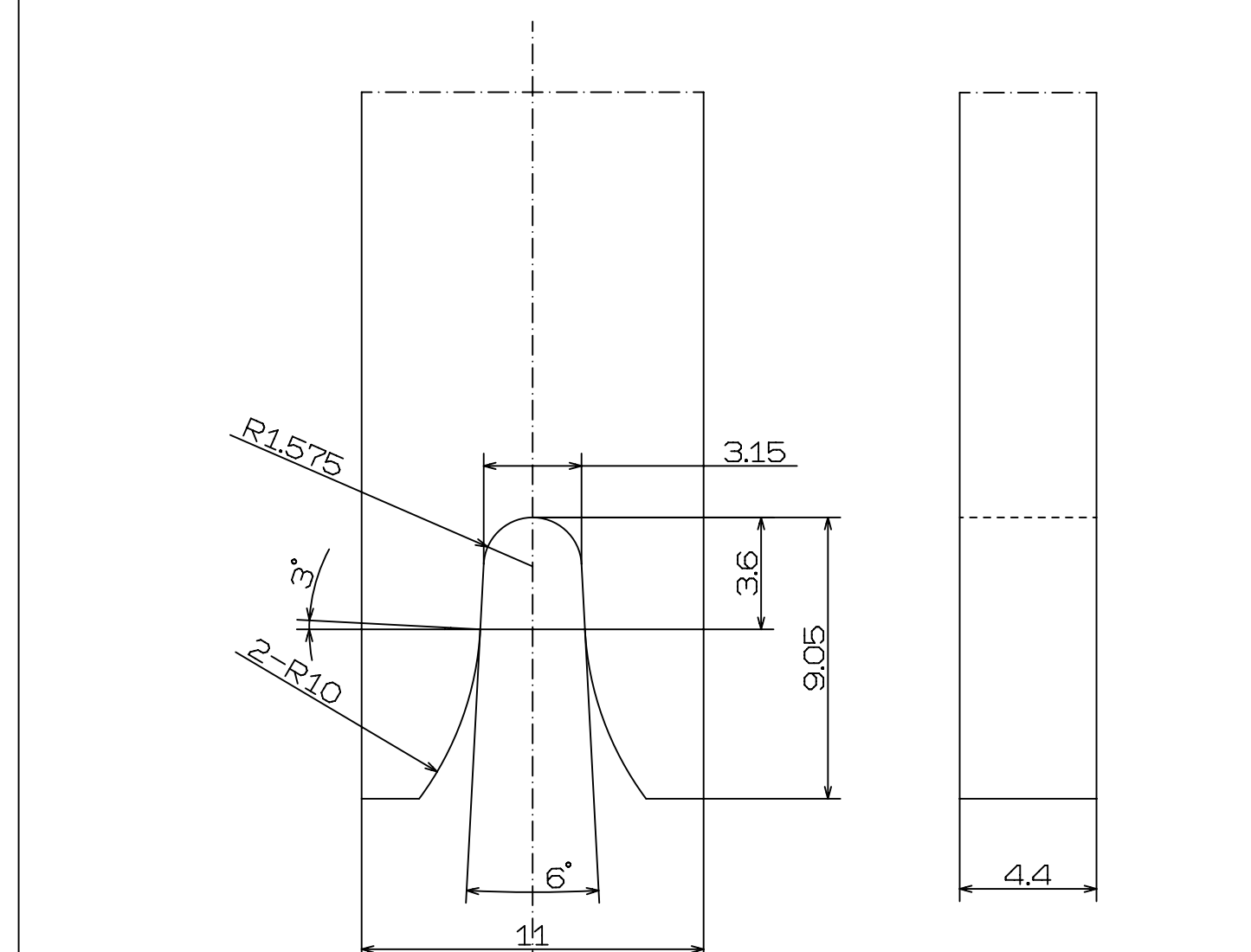
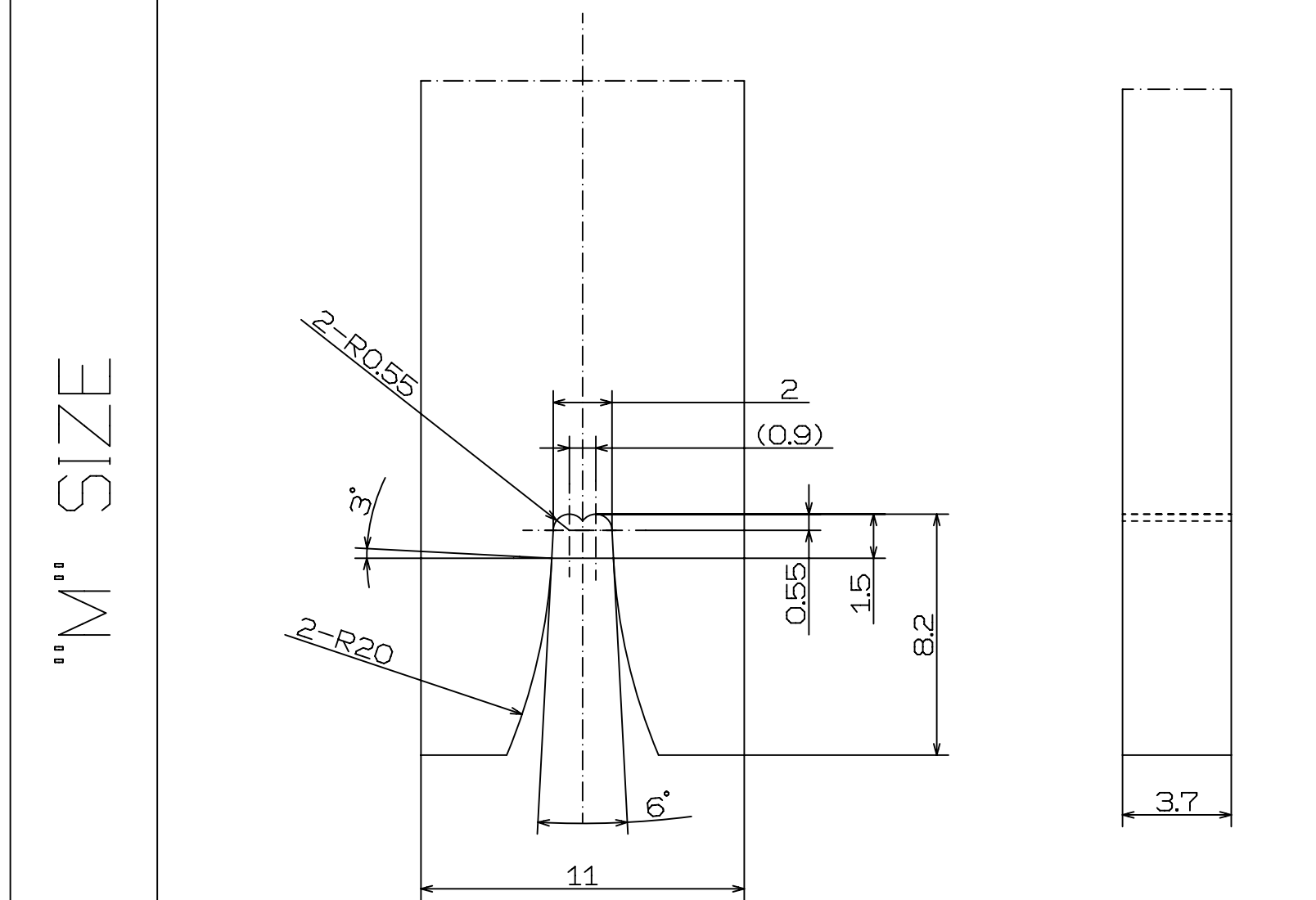
CONDUCTOR ANVIL



INSULATION ANVIL



SIZE



EU5T-14474-EAB		DRAWING EU5T-14474-DAB REV F	SHT 3 OF 3
EU5T-14474-FAB			
EU5T-14474-GAB			

DRW SIZE A1/D