

10

9

8

7

6

5

4

3

2

1

H

G

F

E

D

C

B

A

H

G

F

E

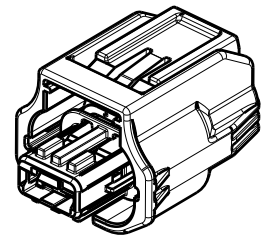
D

C

B

A

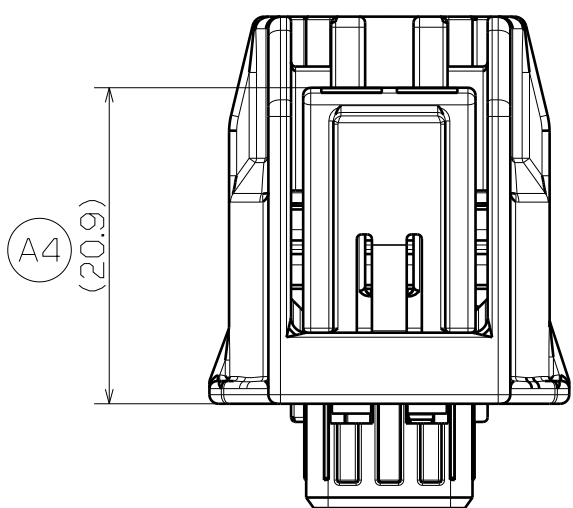
APPLICABLE COMPONENTS						
ITEM	DESCRIPTION	MANDATORY (YES/NO)	TERMINAL CAVITY MIN/MAX OD	PLATING/MATERIAL	FORD COMPONENT PART NO.	SUPPLIER COMPONENT PART NO.
1	TRC B832/2.8mm (CAVITIES 1-2)	NO	0/5.6 X 4.4	REFERENCE TRC	N/A	N/A
2	WIRE SEAL (APPLICABLE ITEM 1)	NO	SEE DRAWING	SILICONE	8U5T-14603-MA	F676000
3	WIRE SEAL (APPLICABLE ITEM 1)	NO	SEE DRAWING	SILICONE	8U5T-14603-NA	F576000
4	WIRE SEAL (APPLICABLE ITEM 1)	NO	SEE DRAWING	SILICONE	1W6T-14603-BA	828905-1
5	LEFT DRESS COVER	NO	N/A	PBT/WSS-M99P23-B	LU5T-14N003-EA	6911-6578
6	RIGHT DRESS COVER	NO	N/A	PBT/WSS-M99P23-B	LU5T-14N003-FA	6911-6579
7	STRAIGHT DRESS COVER	NO	N/A	PBT/WSS-M99P23-B	MU5T-14N003-ADA	6911-7141
8	CENTER DRESS COVER	NO	N/A	PBT/WSS-M99P23-B	PU5T-14N003-GA	6911-7496



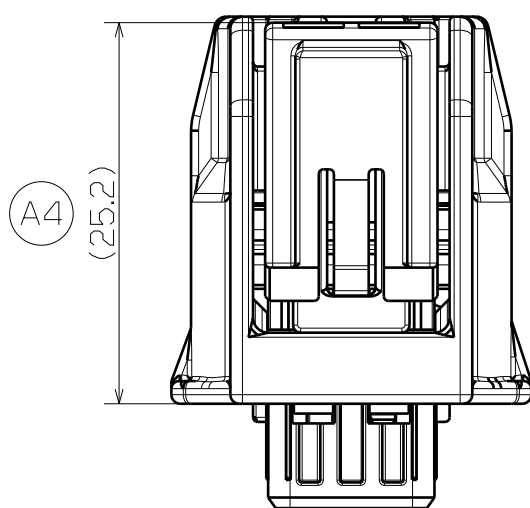
ISOMETRIC VIEW
SCALE 1:1

CONNECTOR ASSEMBLY CHART					
ASSEMBLY PART NO.			MATING COMPONENT		
FORD COMPONENT PART NO.	SUPPLIER COMPONENT PART NO.	MAX TEMP	VIBRATION CLASS	FORD COMPONENT PART NO.	SUPPLIER COMPONENT PART NO.
EU5T-14A464-DC	6189-7528	150°C	V3/V5	VARIOUS	VARIOUS
EU5T-14A464-KC	6189-7529	150°C	V3/V5	VARIOUS	VARIOUS
EU5T-14A464-LC	6189-7530	150°C	V3/V5	VARIOUS	VARIOUS
EU5T-14A464-ALA	6189-7680	150°C	V3/V5	VARIOUS	VARIOUS
EU5T-14A464-AMA	6189-7681	150°C	V3/V5	VARIOUS	VARIOUS
EU5T-14A464-ANA	6189-7682	150°C	V3/V5	VARIOUS	VARIOUS
TBD	TBD	150°C	V3/V5	TBD	TBD
TBD	TBD	150°C	V3/V5	TBD	TBD
EU5T-14A464-ATA	6189-7868	150°C	V3/V5	VARIOUS	VARIOUS
EU5T-14A464-AUA	6189-7867	150°C	V3/V5	VARIOUS	VARIOUS

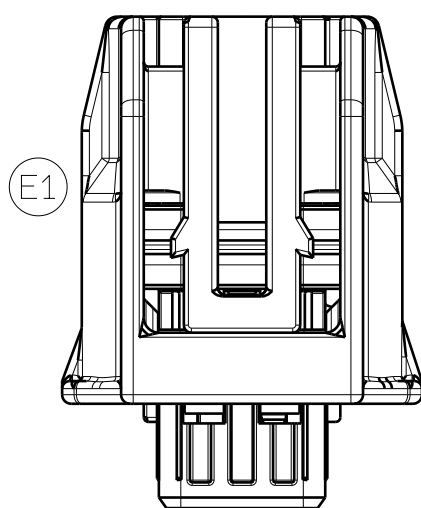
ITEM	PIA DESCRIPTION	COLOR	FORD COMPONENT PART NO.	SUPPLIER COMPONENT PART NO.	MATERIAL/SPEC.NO.	RECYCLING CODE	WEIGHT	NO OF ITEMS REQUIRED											
1	FEMALE HOUSING	BLACK	N/A	6185-5218	PBT/WSS-M99P23-B	PBT	3.6g	1	1	1	1	1	1	1	1	1	1	1	1
2	FEMALE TPA KEY-A	NATURAL	N/A	6910-6852	PBT/WSS-M99P23-B	PBT	0.5g	1			1								
3	PERIMETER SEAL	LIGHT BLUE	N/A	7135-0658	SILICONE HS=40	VMQ	0.5g	1	1	1	1	1	1	1	1	1	1	1	1
4	CPA	NATURAL	N/A	6185-5131	PBT/WSS-M99P23-B	PBT	0.5g	1	1	1				1				1	
5	FEMALE TPA KEY-B	LIGHT GREY	N/A	6910-6853	PBT/WSS-M99P23-B	PBT	0.5g		1		1								
6	FEMALE TPA KEY-C	BROWN	N/A	6910-6854	PBT/WSS-M99P23-B	PBT	0.5g			1		1							
7	FEMALE TPA KEY-D	TBD	N/A	TBD	PBT/WSS-M99P23-B	PBT	0.5g							1	1				
8	FEMALE TPA KEY-A W/O CRUSH RIBS	BLUE	N/A	6910-7795	PBT/WSS-M99P23-B	PBT	0.5g										1	1	



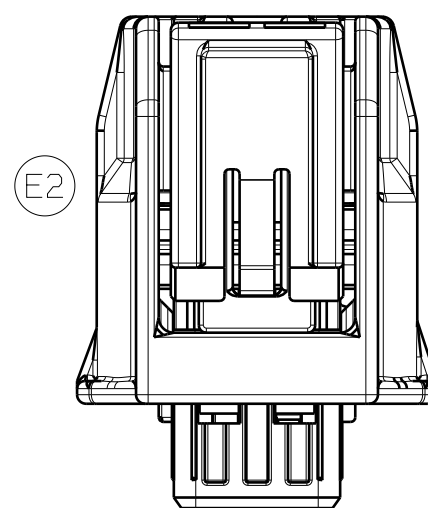
VIEW SHOWN WITH CPA
IN FINAL POSITION (REF)



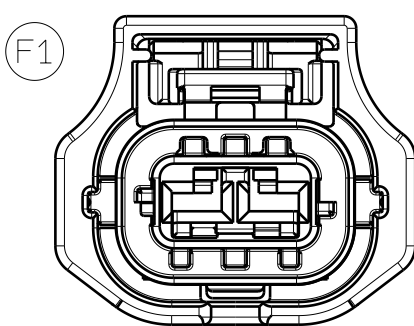
VIEW SHOWN WITH CPA
IN THE PRE-STAGE POSITION (REF)



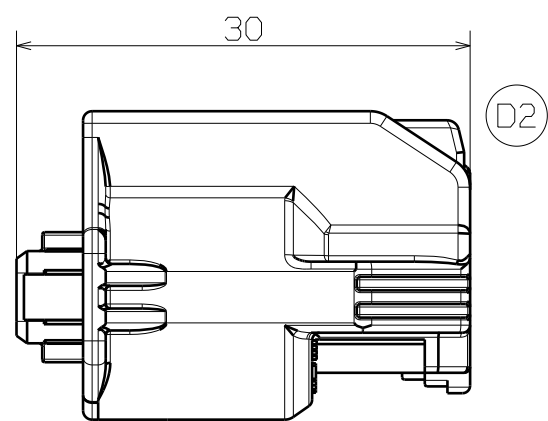
OPTION WITHOUT CPA



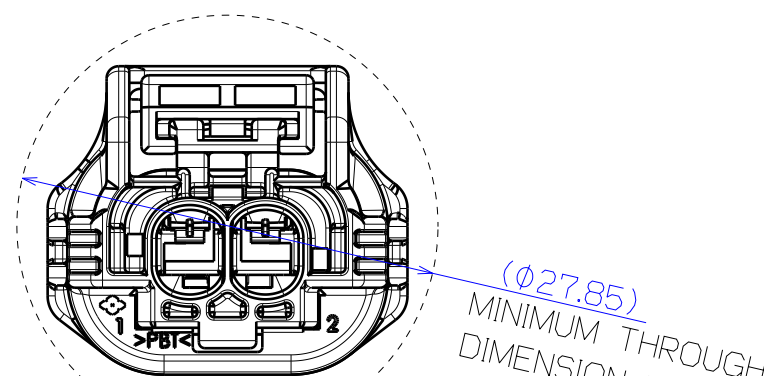
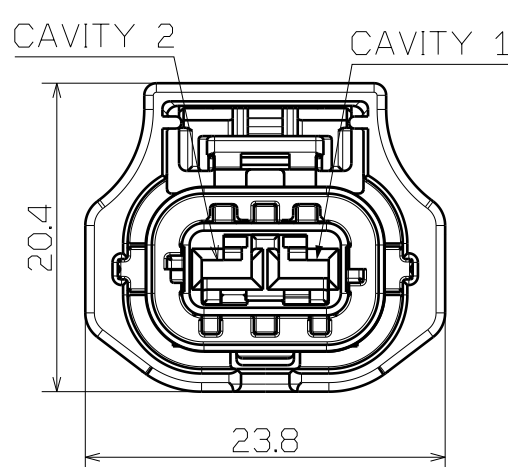
OPTIONAL CONSTRUCTION



OPTIONAL CONSTRUCTION
TPA KEY-A W/O CRUSH RIBS



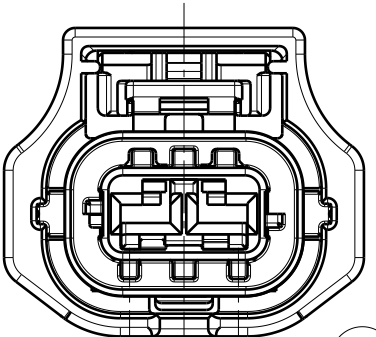
VIEW SHOWN WITH TPA
IN FINAL POSITION (REF)



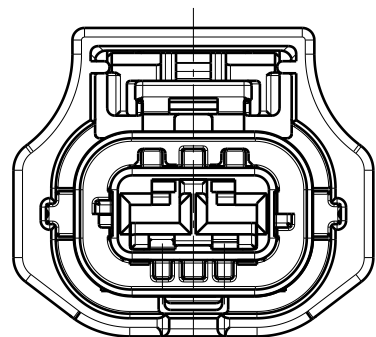
CAVITY IDENTIFICATION
(REAR VIEW)

NOTES:

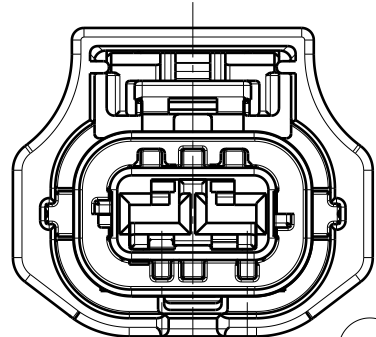
- PARTS CONFORM TO THE ELECTRICAL CONNECTION SYSTEM DESIGN SPECIFICATION (SDS) REV. 21, DATED JUN 2011.
- PARTS CONFORM TO THE LATEST LEVEL OF USCAR 2. REVS DATED NOV 2007. FOR COMPONENT TEMPERATURE CLASS T4, VIBRATION CLASS 3 & 5, AND SEALING CLASS 3 PERFORMANCE AND CRITERIA.
- MAXIMUM MATING FORCE OF FULLY POPULATED TERMINALS IS 30.3N(SN) AND 32.9(AG).
- TERMINAL EXTRACTION TOOLS: SUMITOMO No.2373000*
- CONNECTOR IS RATED AS ERGONOMIC CLASS 2. BASED ON USCAR-25 REV1 CONNECTOR PUSH SURFACE AREA IS 104mm² (CLASS 2).
- FOR INTERFACE VIEW PLEASE REFER TO EWCAP 280-S-002-1-Z02
- PLEASE REFER TO INSTRUCTION MANUAL CB-680E.
- SEALING AT T4 150°C REQUIRES 8U5T-14603-MA OR 1W6T-14603-BA CABLE SEAL TO BE USED FOR ALL WIRE SIZES AS SHOWN ON DRAWING EU5T-14474-E*



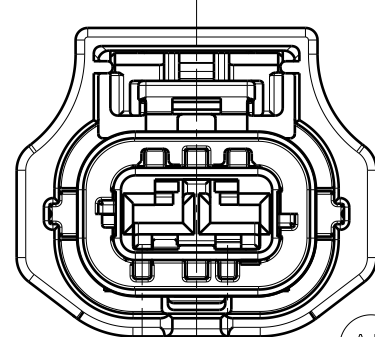
KEY-A
EU5T-14A464-DC
EU5T-14A464-ALA
EU5T-14A464-ATA
EU5T-14A464-AUA
SCALE 2:1



KEY-B
EU5T-14A464-KC
EU5T-14A464-AMA
SCALE 2:1



KEY-C
EU5T-14A464-LC
EU5T-14A464-ANA
SCALE 2:1



KEY-D
TBD
SCALE 2:1

GENERAL TOLERANCES		
OVER	LESS THAN	
	10	±0.2
	10	±0.3

EU5T-14A464-AUA	EU5T-14A464-ATA	EU5T-14A464-ANA	EU5T-14A464-AMA	EU5T-14A464-ALA	EU5T-14A464-KC	EU5T-14A464-LC
-----------------	-----------------	-----------------	-----------------	-----------------	----------------	----------------



SEWS RELEASE LEVEL
PRODUCTION
APPLICATION
VARIOUS

SEWS DRAWING / PART NUMBER
SEE CHART

WEIGHT (G)
SEE CHART

REFERENCE: 2WAY SEALED FEMALE 2.80

PART MUST COMPLY WITH MATERIAL SPECIFICATION WSS-M99P9999-A1 TO HELP SAFEGUARD HEALTH, SAFETY AND THE ENVIRONMENT

DRAFTED IN ACCORDANCE WITH FORD MOTOR COMPANY ENGINEERING CAD AND DRAFTING STANDARDS CURRENT AT INITIAL RELEASE

3RD ANGLE PROJ
DIMENSIONS ARE IN MILLIMETERS

CAD TYPE CATIA	CAD LOC. METAPHASE	CAD FILE PRT EU5T-14A464-DC DWG EU5T-14A464-DC	DTMC IS MASTER
OPER. NO. ----	UNIT mm	DRAWING EU5T-14A464-DC	
DESIGN CCH	DETAIL CCH	TITLE SLV WIR CONN FEM	SHT 1 OF 2 (E4)
CHECKED MS	SAFETY ----		
SCALE 2:1	DATE 20120717	DIVISION PLANT	

Ford Motor Company

10

9

8

7

6

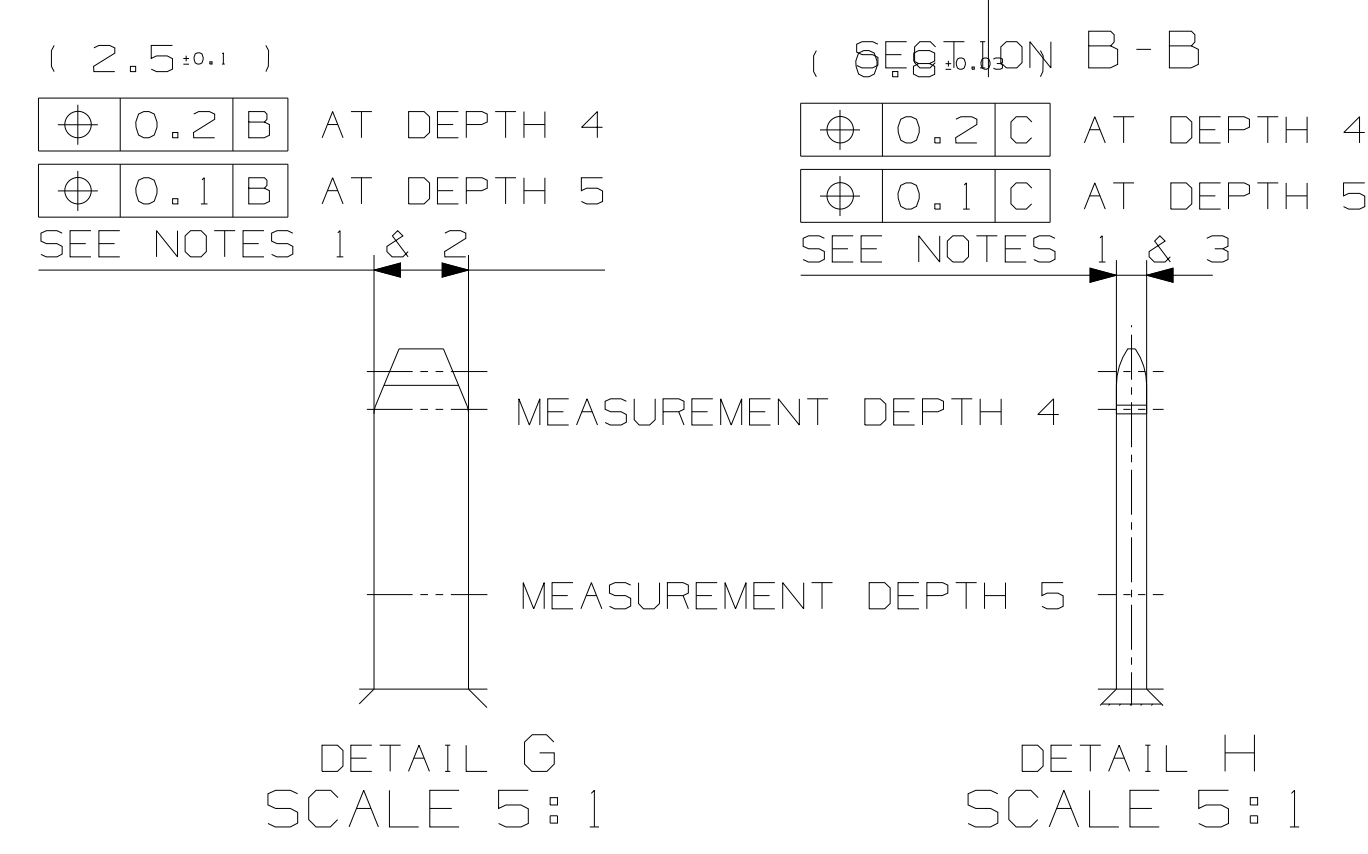
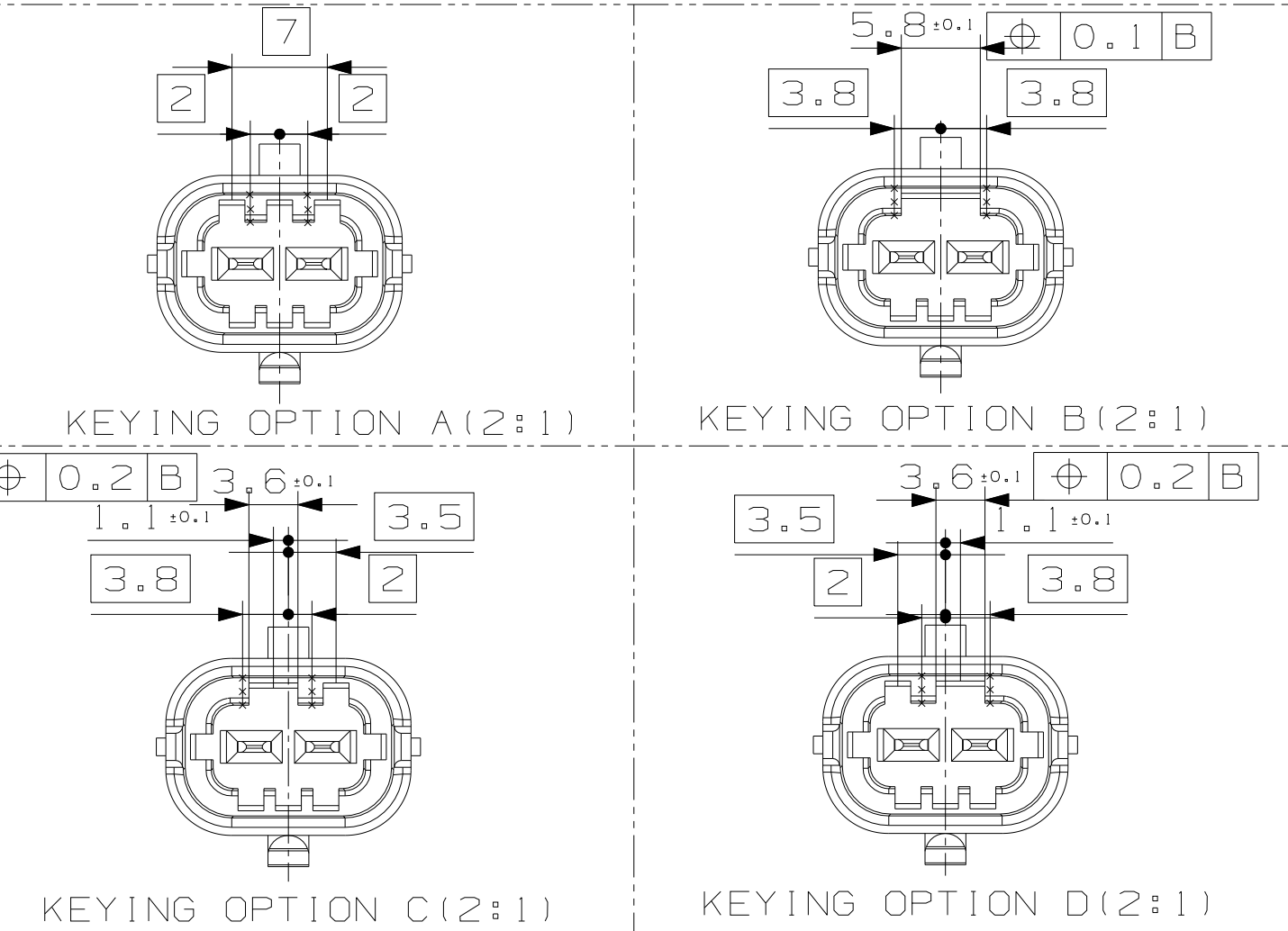
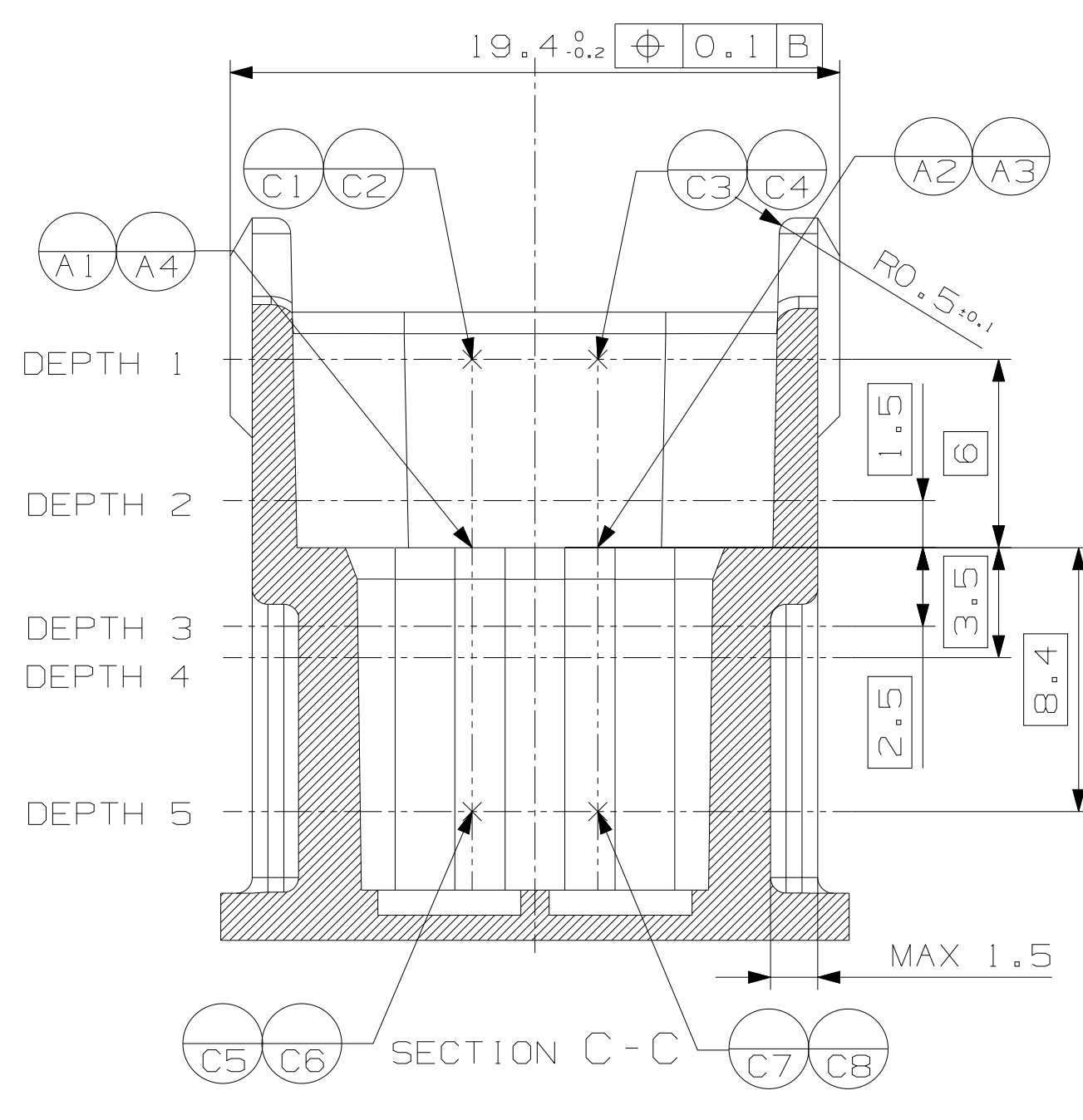
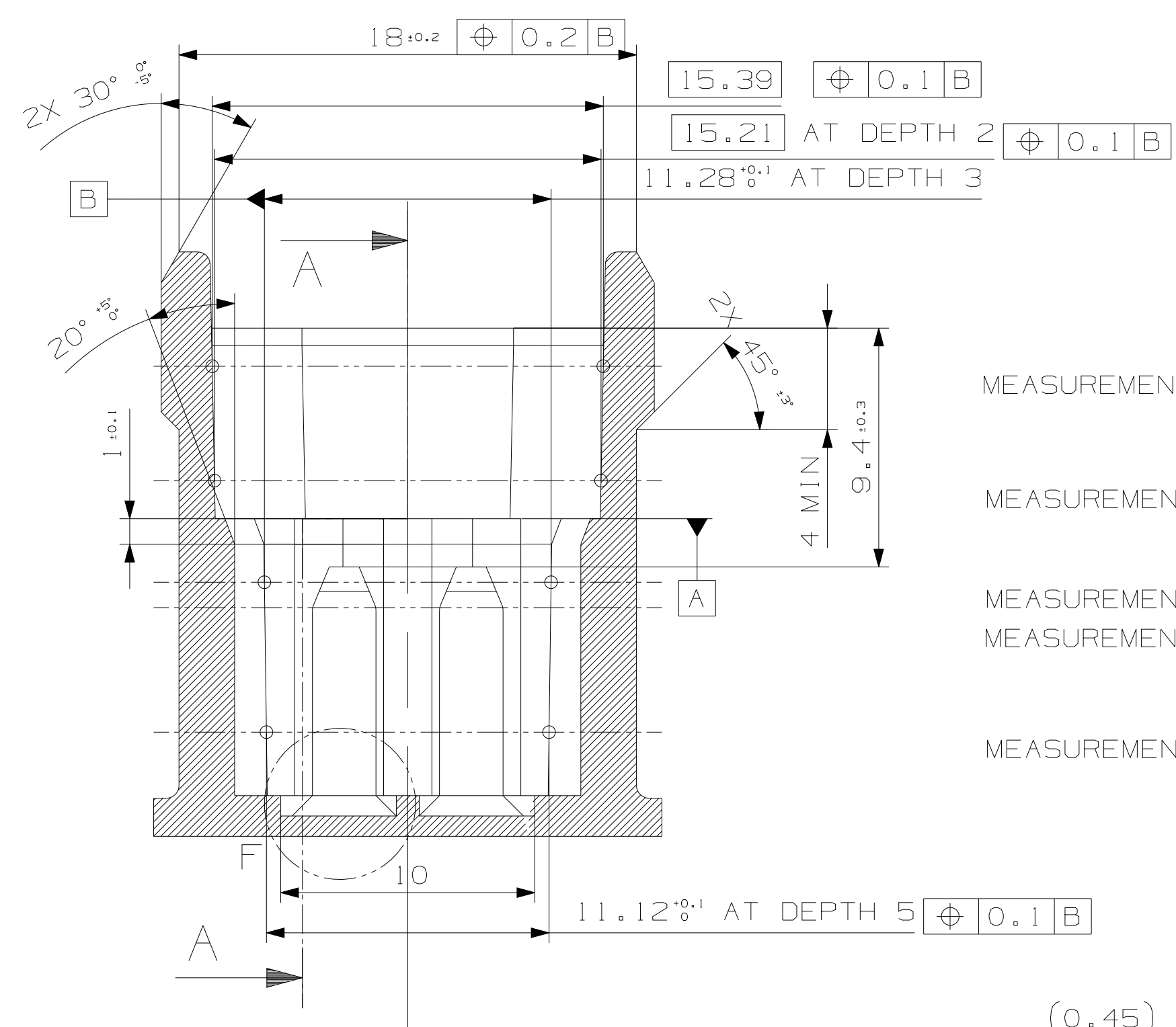
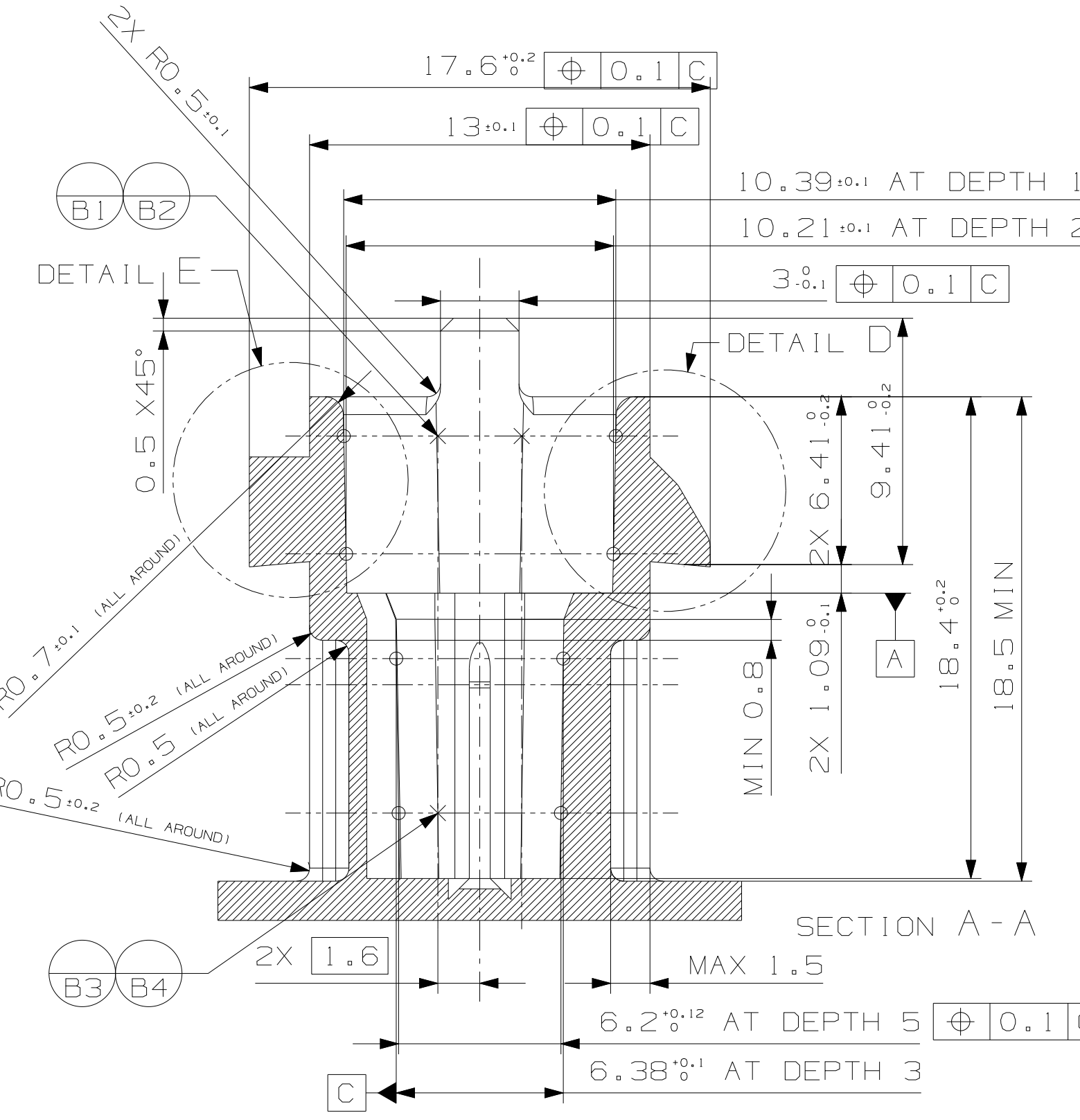
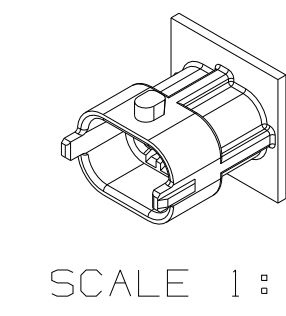
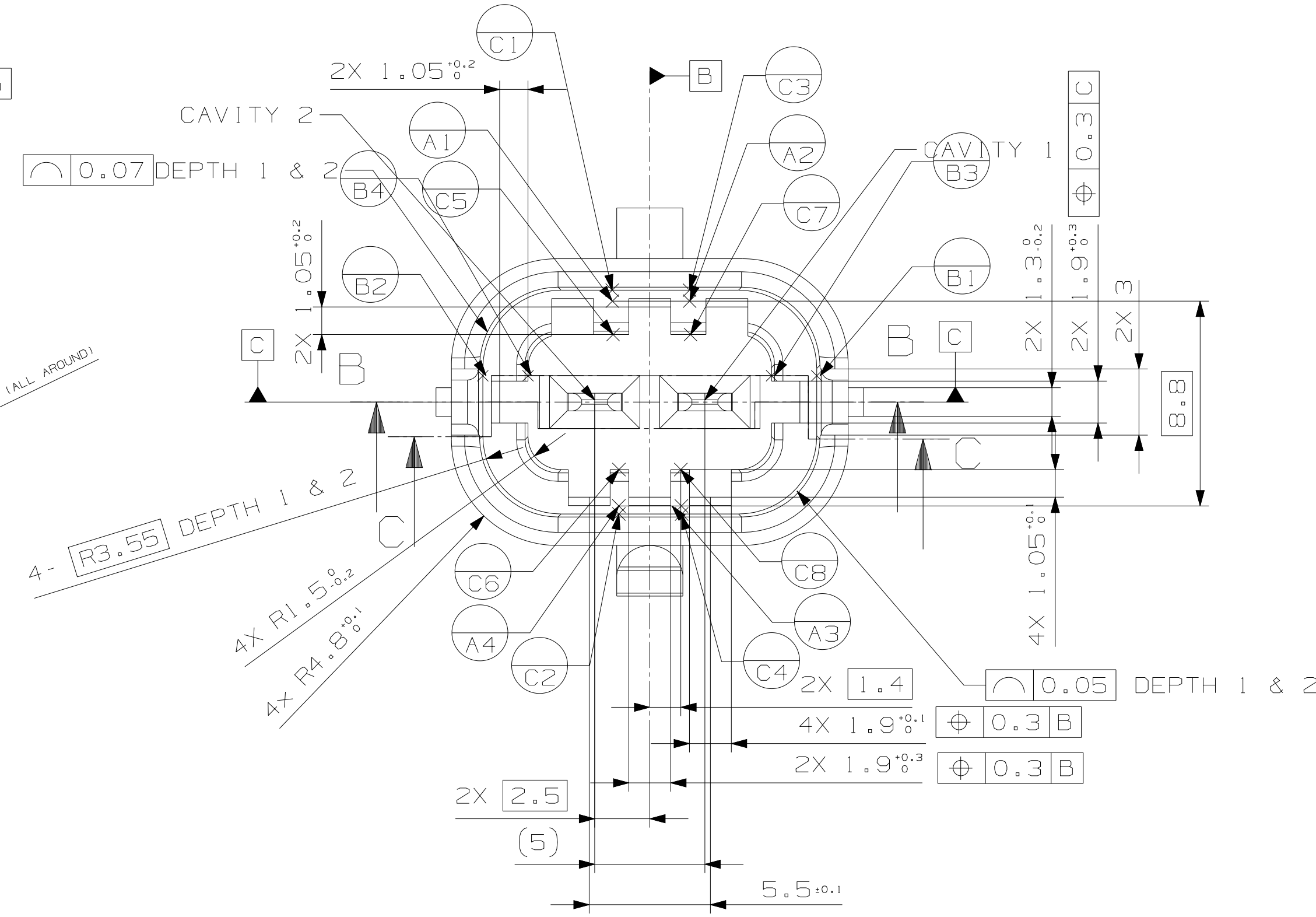
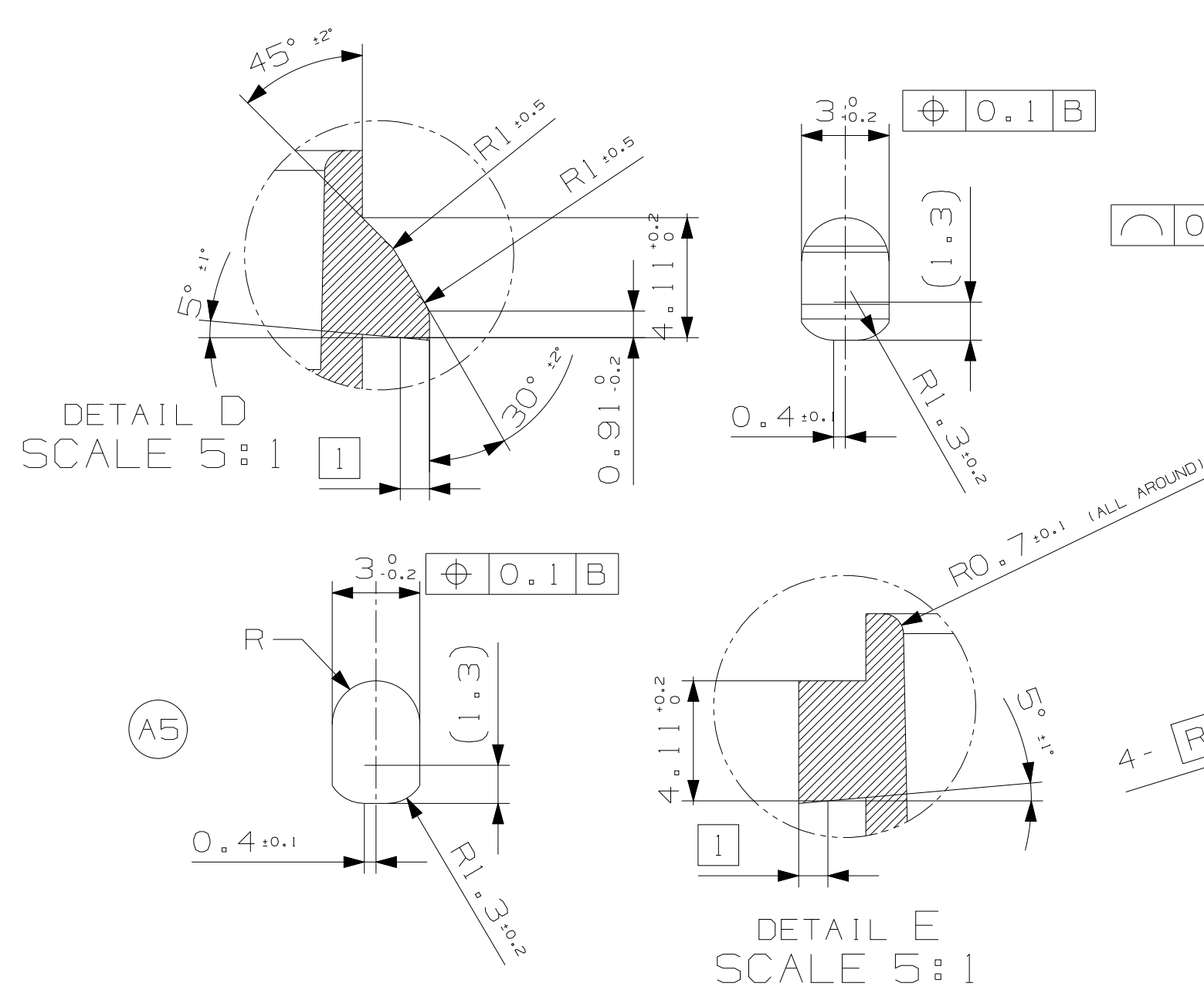
5

4

3

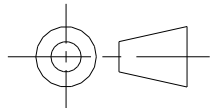
2

1



NOTES:
1. DIMENSIONING AND TOLERANCING PER ASME Y14.5M.
2. 2.8MM WIDE BLADES MAY BE PRESENT ON OLDER HEADERS.
3. FOR HEADER BLADE INFORMATION SEE EWCAP DRAWING EWCAP-001

EU5T-14A464-AUA
EU5T-14A464-ATA
EU5T-14A464-ANA
EU5T-14A464-AMA
EU5T-14A464-ALA
EU5T-14A464-KC
EU5T-14A464-LC

REFERENCE: 2WAY SEALED FEMALE 2.80			
PART MUST COMPLY WITH MATERIAL SPECIFICATION WSS-M99P9999-A1 TO HELP SAFEGUARD HEALTH, SAFETY AND THE ENVIRONMENT			
DRAFTED IN ACCORDANCE WITH FORD MOTOR COMPANY ENGINEERING CAD AND DRAFTING STANDARDS CURRENT AT INITIAL RELEASE			3RD ANGLE PROJ DIMENSIONS ARE IN MILLIMETERS
CAD TYPE CATIA	CAD LOC. METAPHASE	CAD FILE PRT EU5T-14A464-DC DWG EU5T-14A464-DC	DTMC IS MASTER
OPER. NO. _____	UNIT mm	DRAWING EU5T-14A464-DC	
DESIGN CCH	DETAIL CCH	TITLE SLV WIR CONN FEM	SHT 2 OF 2
CHECKED MS	SAFETY _____		
SCALE 5:1	DATE 20120717	DIVISION PLANT	
<i>Ford Motor Company</i>			

LTRS	REVISIONS		
ORIGINATOR	CHECKER	ENGR APP	MATL APP
A	RELEASED		20120807
AELE-E-11783930-232		20120807	
C.H. CHAN	M. SPENCER	J. PITTENGER	MS20120807
RELEASED EU5T-14A464-DB, KB, LB, EU5T-14A464-LB			
A1	UPDATED ACCORDING TO FECDS F-2 VER29		
A2	UPDATED WIRE O.D.		
A3	CORRECTED SEAL COLOR TO LIGHT BLUE		
A4	UPDATED CPA DESIGN CHANGE, ADDED VIEW		
A5	CHANGED WATERMARKS		
A6	ADDED WIRE SEAL, DUST-10C930-AAA		
A7	ADDED CONNECTOR MATING FORCE		
A8	ADDED KEY FEATURES DIMENSIONS		
AELE-E-11783930-285		20130514	
C.H. CHAN	M. SPENCER	J. PITTENGER	MS20130514
B1	REMOVED WATERMARKS		
B2	CORRECTED TPA COLOR		
AELE-E-11783930-291		20130624	
C.H. CHAN	M. SPENCER	J. PITTENGER	MS20130624
C1	MODIFIED DATUM A&C MEASUREMENTS		
C2	EDITED TRC B832 AND REVISED TABLE		
AELE-E-11783930-291		20130910	
C.H. CHAN	M. SPENCER	J. PITTENGER	MS20130910
REMOVED EU5T-14A464-DB, KB, LB			
D1	UPDATED SUMITOMO PART NUMBERS		
D2	MODIFIED LATCH PROTECTION		
RELEASED EU5T-14A464-DC, KC, LC		20131209	
AELE-E-11783930-316		20131209	
C.H. CHAN	M. SPENCER	J. PITTENGER	MS20131209
RELEASED EU5T-14A464-ALA, -AMA, -ANA			
E1	ADDED VIEW WITH NO CPA		
E2	ADDED VIEW WITH OPTIONAL CONSTRUCTION		
E3	ADDED NOTE 6		
E4	REMOVED SHEET 2		
AELE-E-11783930-339		20140731	
J. SANKARI	M. SPENCER	J. PITTENGER	MS20140731
RELEASED EU5T-14A464-ATA & AUA			
F1	ADDED VIEW OF TPA KEY-A WITHOUT CRUSH RIBS		
F2	ADDED NOTE FOR INSTRUCTION MANUAL		
AELE-E-11783930-392		20151113	
D. IRISH	M. SPENCER	J. PITTENGER	MS20151113
G1	ADDED ITEM 5 AND 6		
AELE-E-11783930-416		20161221	
R.THOMAS	W. LYONS	J. PITTENGER	SUMITOMO
H1	WAS 125°C		
H2	ADDED NOTE 8		
H3	MODIFIED NOTE 2		
AELE-E-11783930-421		20170329	
R.THOMAS	W. LYONS	J. PITTENGER	SUMITOMO
J1	ADDED INTERFACE PAGE		
AELE-E-11783930-444		20171013	
R. THOMAS	M. SPENCER	J. PITTENGER	SUMITOMO
K1	ADDED MUST-14N003-ADA		
AELE-E-11783930-491		20190717	
J.BERLINSKI	F.MAGDA	J.PITTENGER	SUMITOMO
L1	ADDED WIRE SEAL P/N 1W6T-14603-BA		
L2	REMOVED WIRE SEAL DUST-10C930-AAA		
L3	WAS V3		
L4	UPDATED NOTE 2		
L5	UPDATED NOTE 4		
L6	UPDATED NOTE 8		
L7	REMOVED (NOT TOOLED, NOT TESTED)		
AELE-E-11783930-508		20200210	
E.FIELD	F.MAGDA	J.CHAPP19	SUMITOMO

	SEWS RELEASE LEVEL PRODUCTION	
	APPLICATION VARIOUS	
SEWS DRAWING / PART NUMBER SEE CHART		WEIGHT (g) SEE CHART

DRW SIZE A1/D