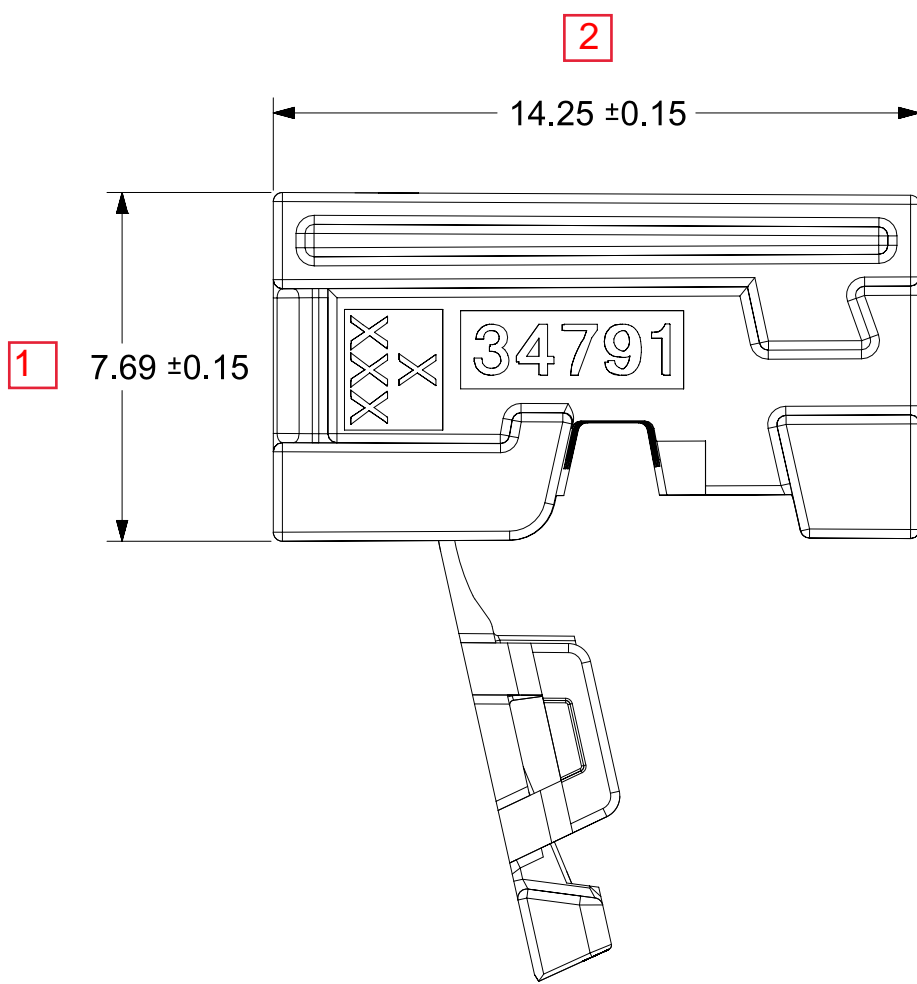


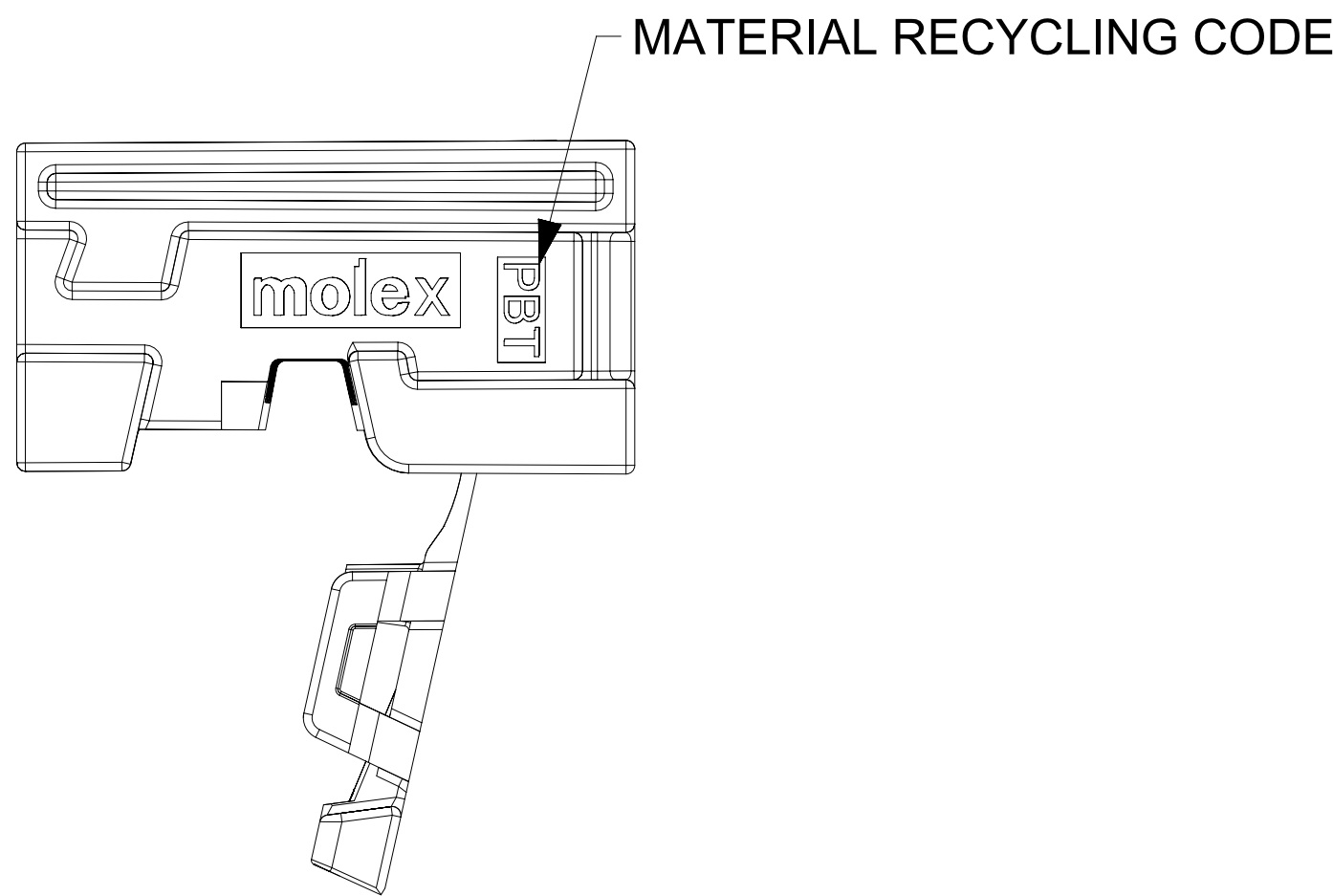
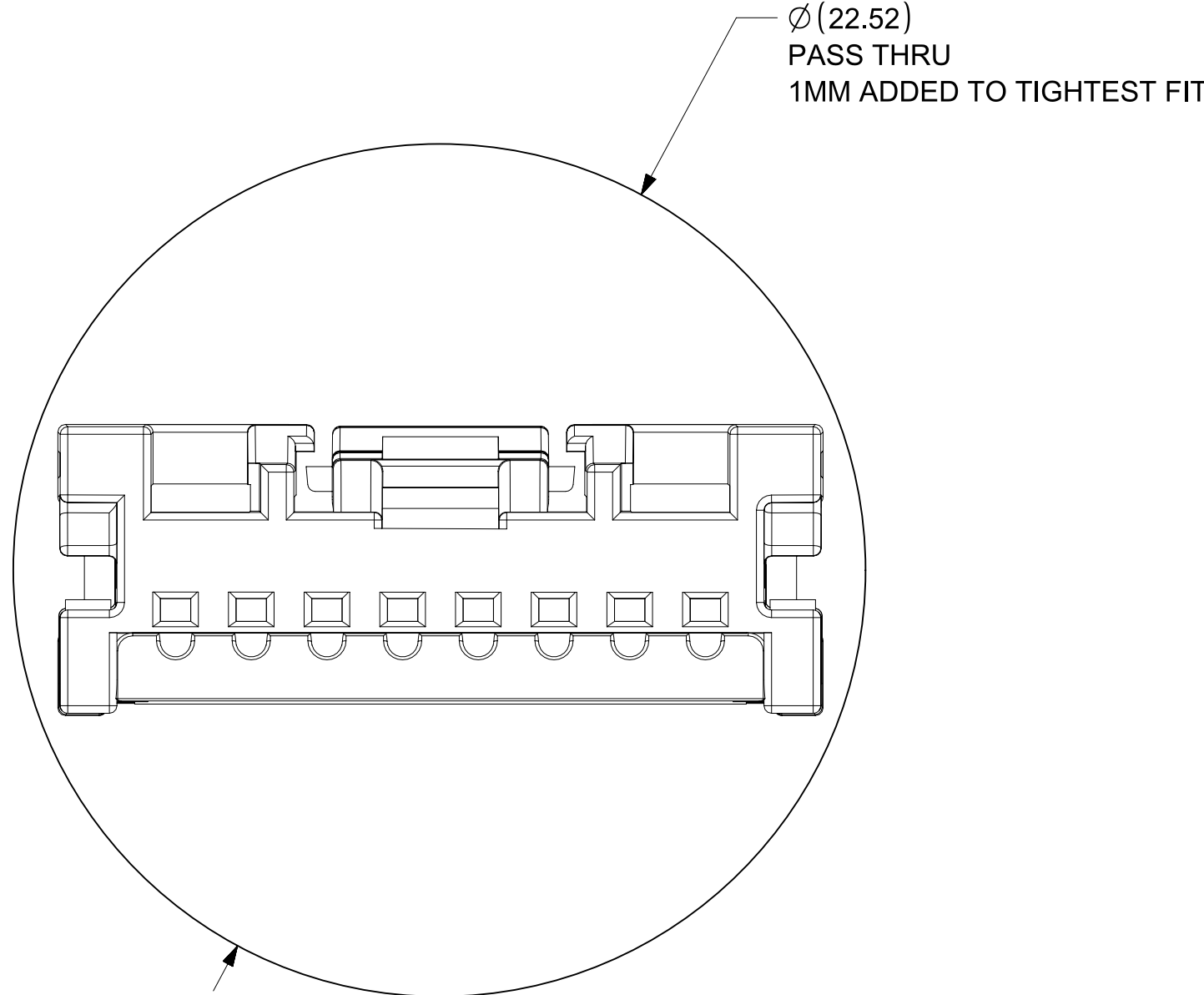
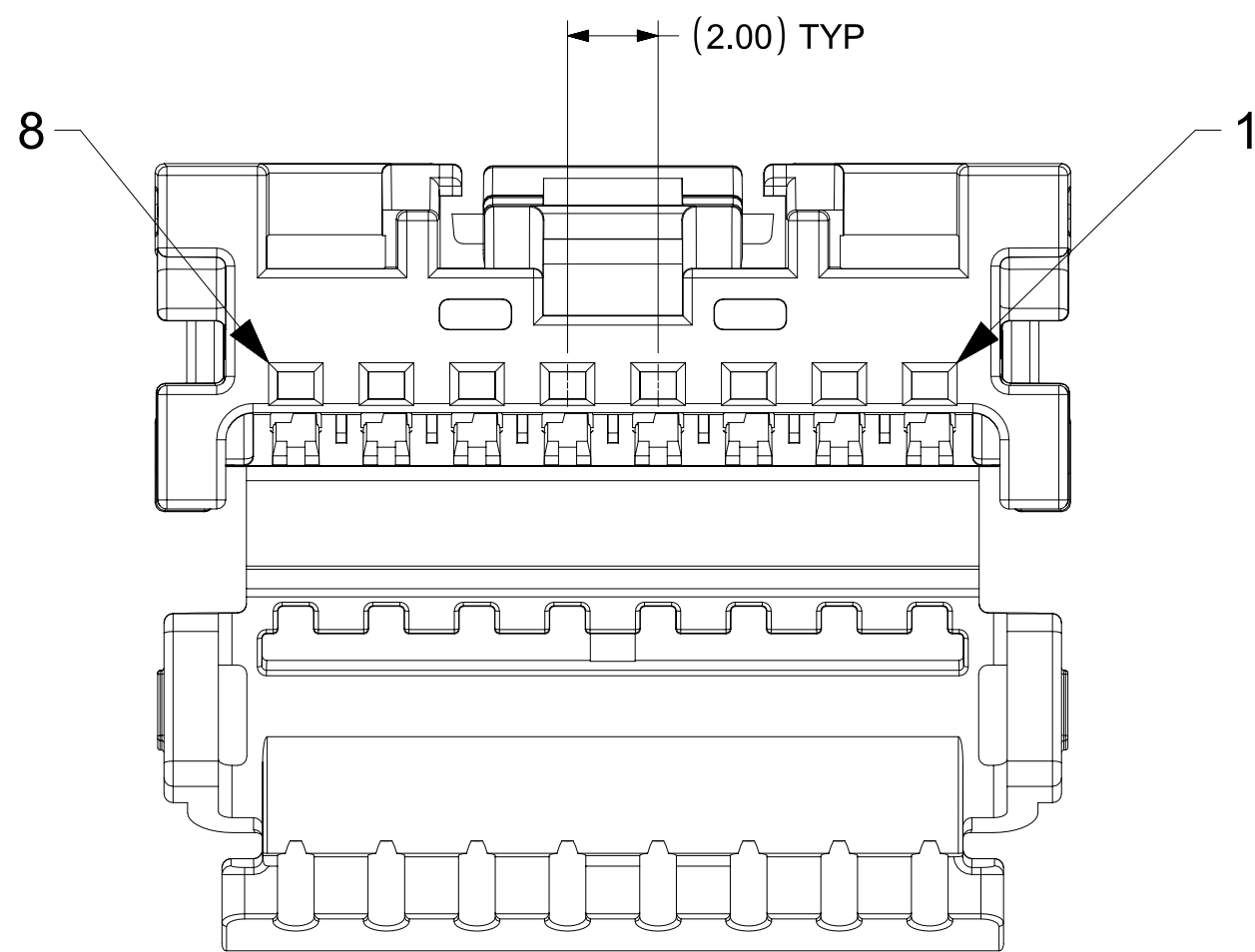
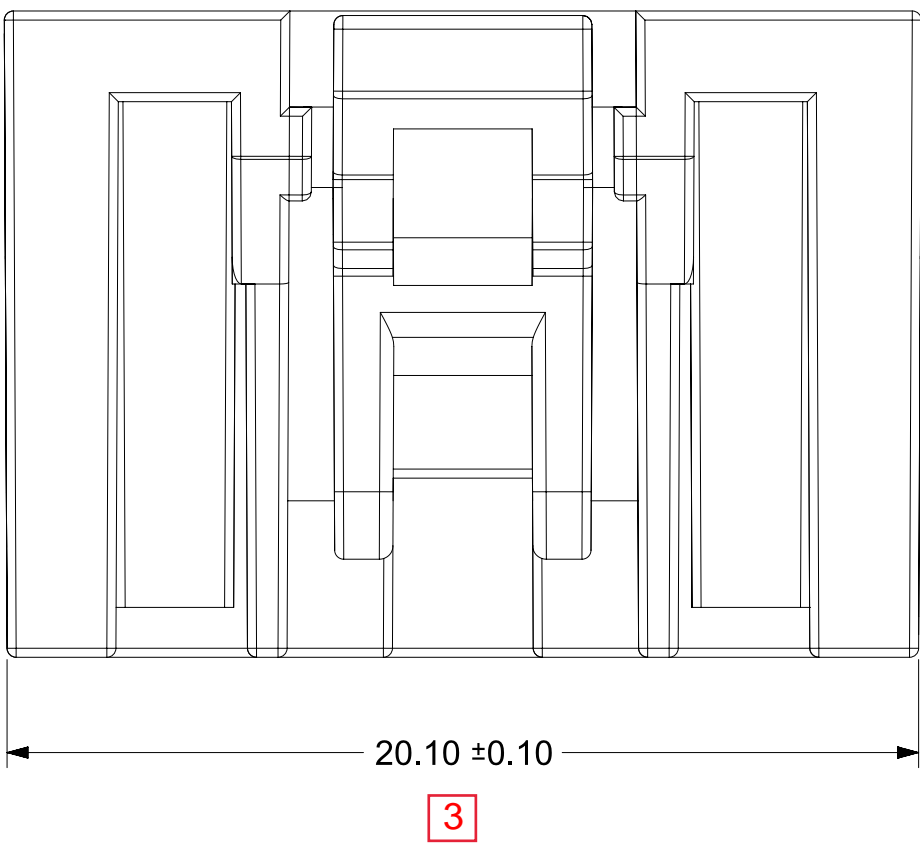
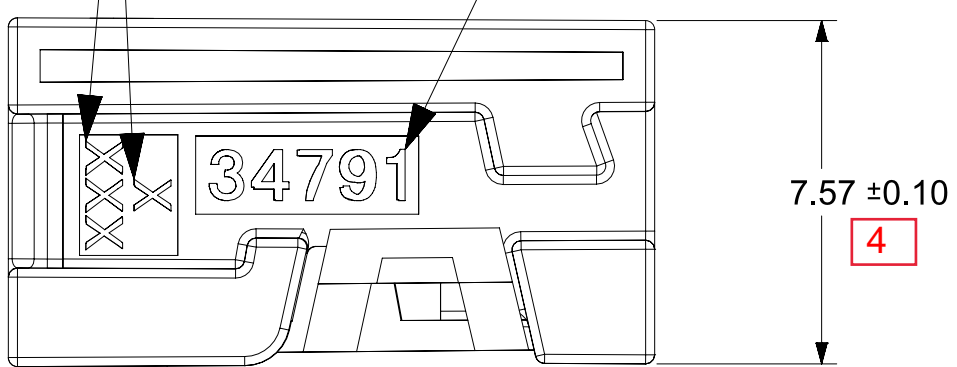
APPLICABLE COMPONENTS					
I T E M	DESCRIPTION	MANDATORY (YES/NO)	TERMINAL CAVITY MAX OD	PLATINGS/ MATERIAL	SUPPLIER COMPONENTS PART NO.
1	TRC B820	YES	0/1.65x1.75	Sn	N/A

CONNECTOR ASSEMBLY CHART									
ASSEMBLY PART NUMBERS			MATING COMPONENTS						
FORD COMPONENTS PART NO.	SUPPLIER COMPONENTS PART NO.	TEMPERATURE CLASS	VIBRATION CLASS	SEALING CLASS	RIGHT ANGLE HEADER		VERTICAL HEADER		
					FORD COMPONENT PART NO.	SUPPLIER COMPONENT PART NO.	FORD COMPONENT PART NO.	SUPPLIER COMPONENT PART NO.	
FU5T-14489-SA	34791-0080	T2	V1	S1	N/A	34793-0080	N/A	34792-0080	
FU5T-14489-TA	34791-0081	T2	V1	S1	N/A	34793-0081	N/A	34792-0081	
FU5T-14489-UA	34791-0082	T2	V1	S1	N/A	34793-0082	N/A	34792-0082	

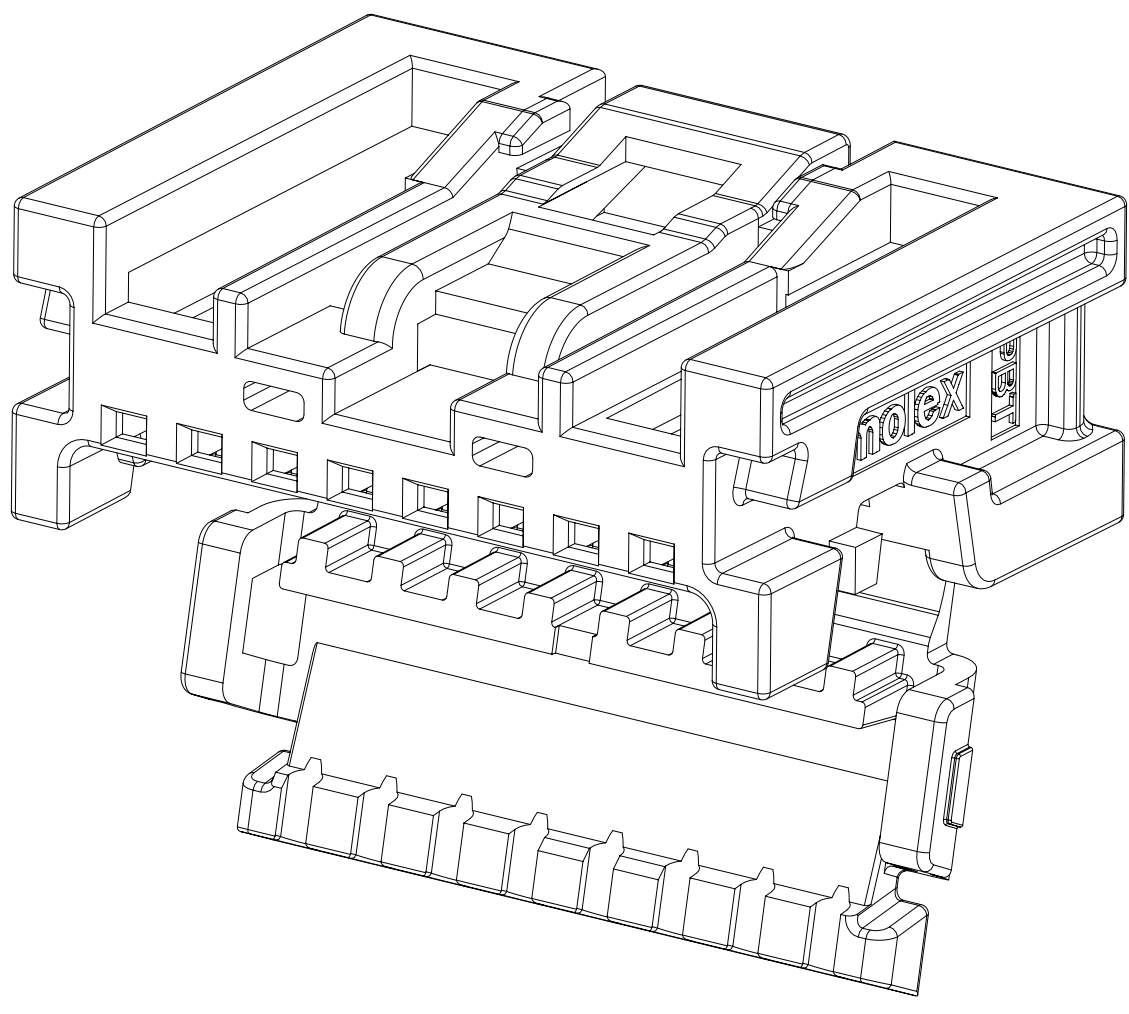
I T E M	DESCRIPTION	COLOR	FORD COMPONENT PART NO.	SUPPLIER COMPONENT PART NO.	MATERIAL / SPEC. NO.	RECYCLING CODE	WEIGHT (g)	NO. OF ITEMS REQUIRED	
1	MINI50 08CKT CONNECTOR HOUSING POL A	BLACK	FU5T-14489-SA	34791-0080	PBT - UNFILLED	PBT	1.004	1	
2	MINI50 08CKT CONNECTOR HOUSING POL B	LIGHT GRAY	FU5T-14489-TA	34791-0081	PBT - UNFILLED	PBT	1.003		1
3	MINI50 08CKT CONNECTOR HOUSING POL C	DARK GRAY	FU5T-14489-UA	34791-0082	PBT - UNFILLED	PBT	1.003		1



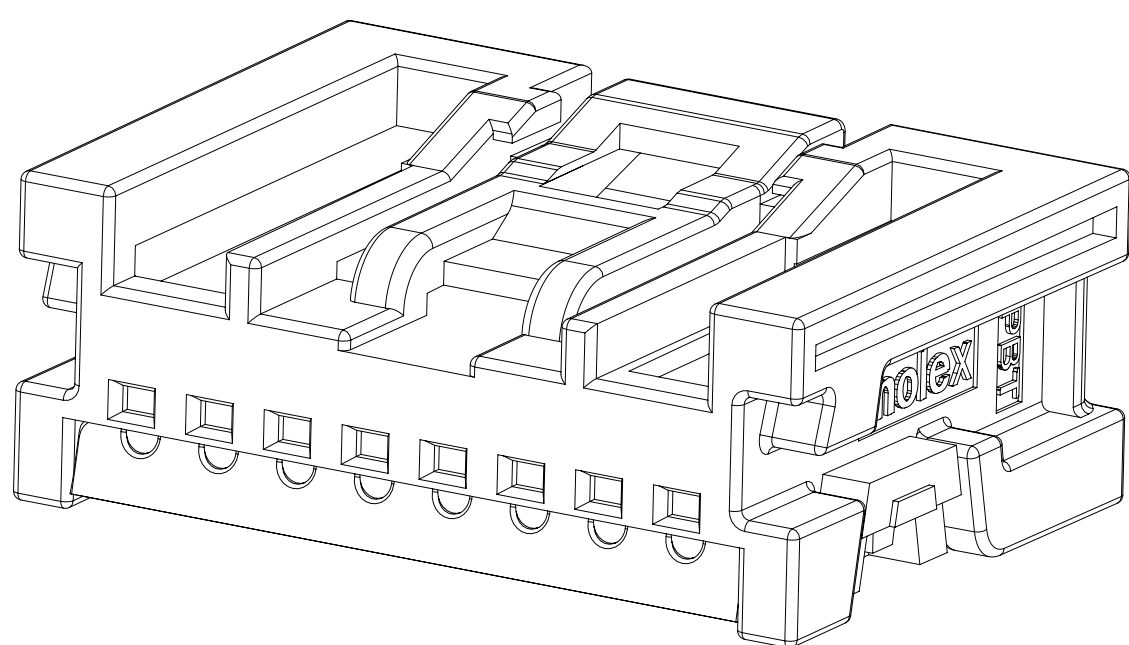
MANUFACTURING LOCATION  
AND TOOL ID



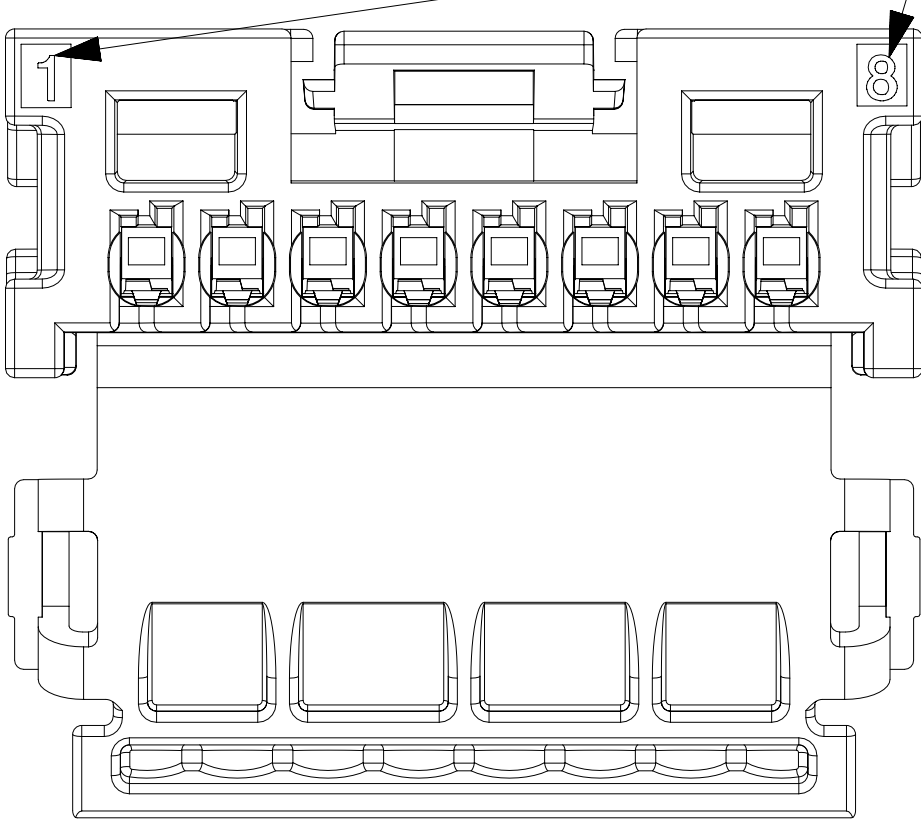
HINGED ISL OPEN  
(AS SHIPPED)



HINGED ISL CLOSED  
(AS ASSEMBLED)

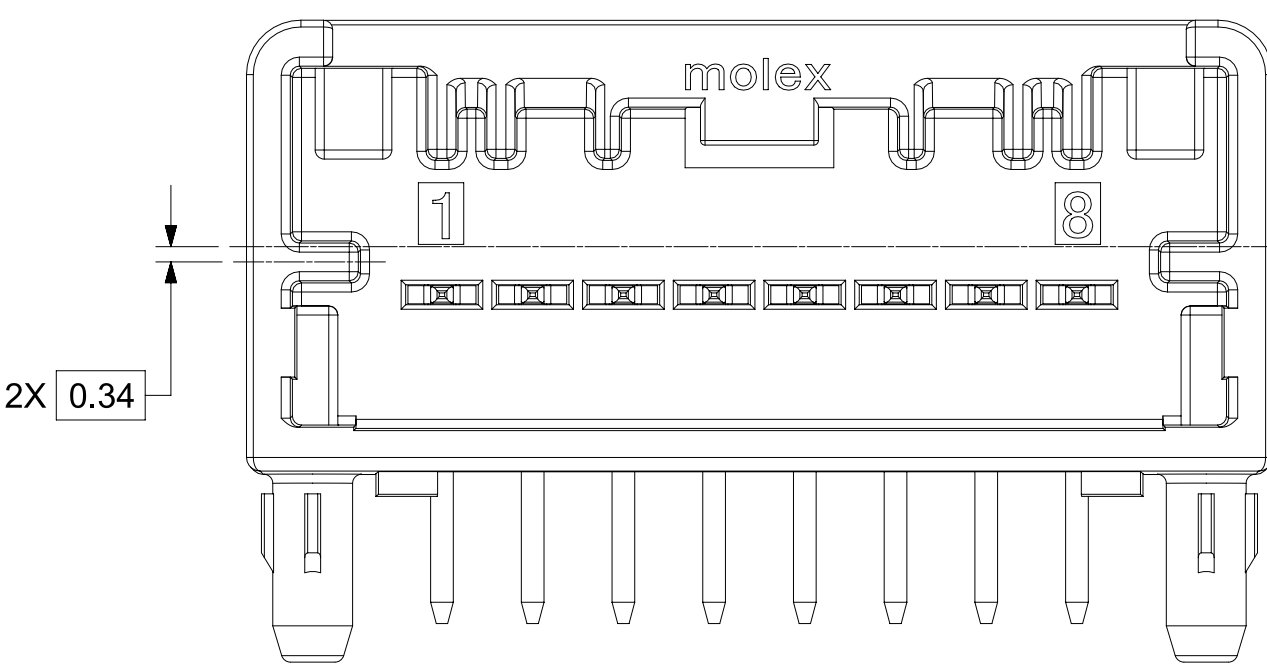


CIRCUIT ID



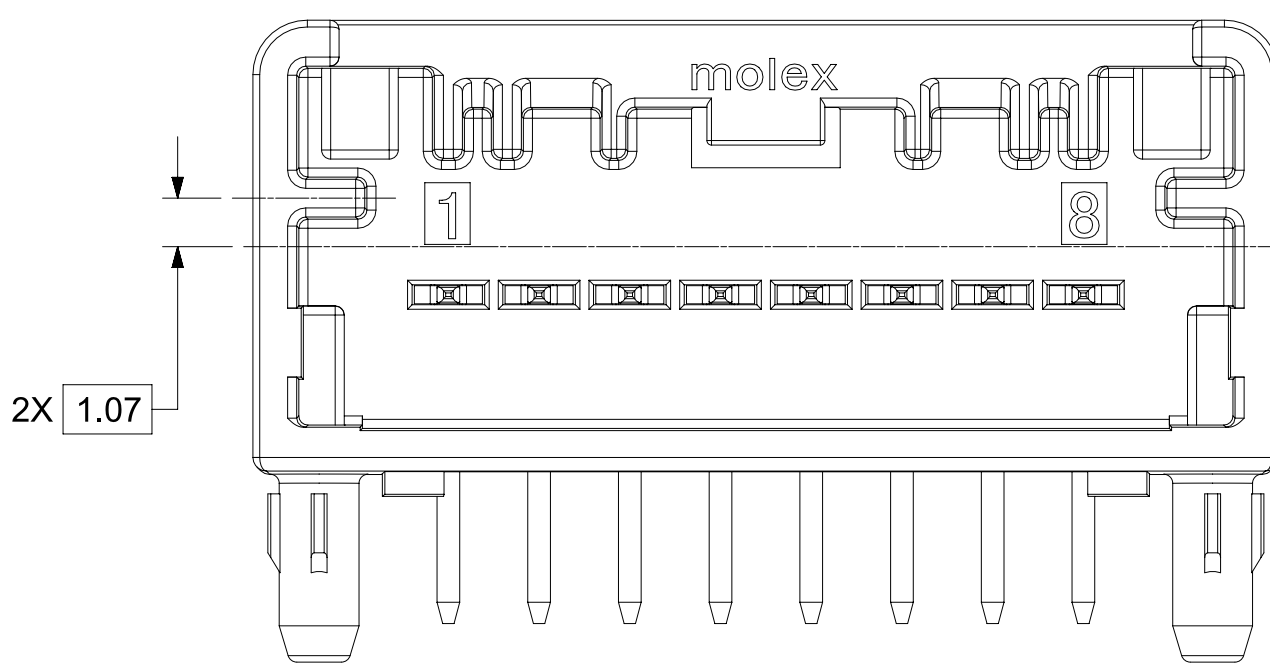
## POLARIZATION A

050-U-008-1-A02



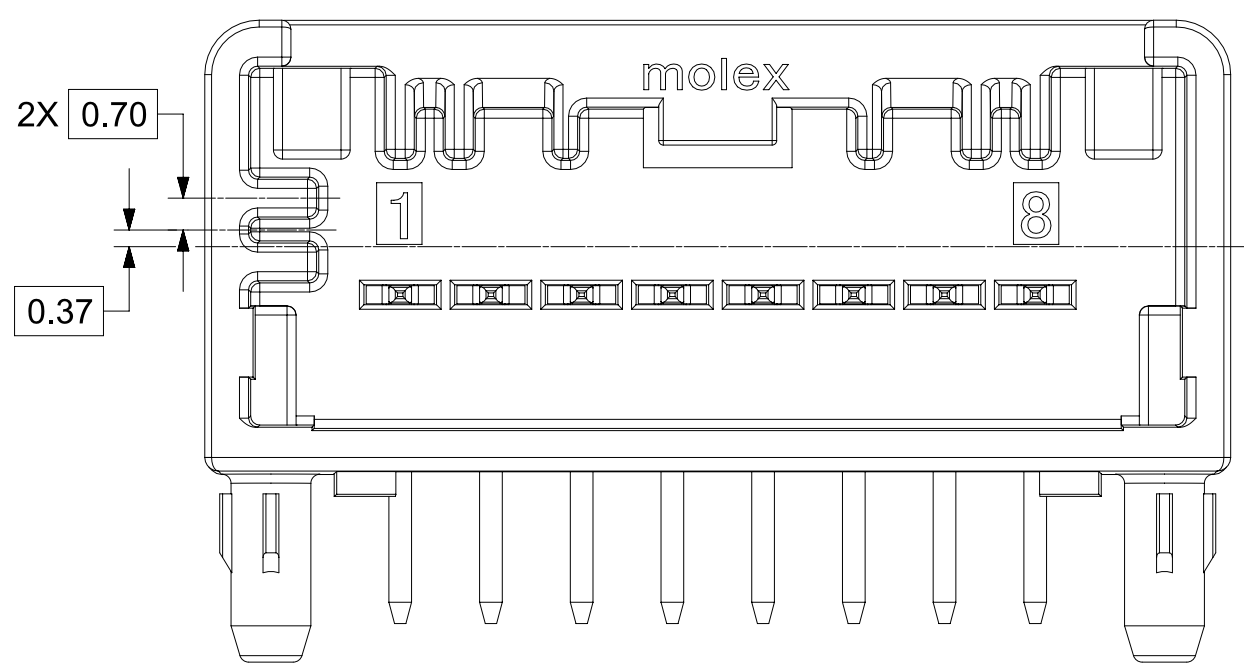
## POLARIZATION B

050-U-008-1-B02



## POLARIZATION C

050-U-008-1-C02



### NOTES:

- PART CONFORMS TO THE ELECTRICAL CONNECTION SYSTEM DESIGN SPECIFICATION (SDS) VER. 21 WITH USCAR-2 DEVIATIONS DETAILED IN MOLEX DOCUMENT PS-34791-020.
- PART CONFORMS TO MOLEX PRODUCT SPECIFICATION PS-34791-020.
- MAXIMUM MATING FORCE FULLY POPULATED WITH TIN TERMINALS = 26.91N.  
MAXIMUM MATING FORCE FULLY POPULATED WITH GOLD TERMINALS = N/A
- PLEASE REFERENCE MOLEX APPLICATION SPECIFICATION AS-34791-020 FOR TERMINAL SERVICING AND PROBING INFORMATION.
- N/A
- CONNECTOR IS RATED AS ERGONOMIC CLASS 1 BASED ON USCAR-25 REV 1. CONNECTOR PUSH SURFACE AREA IS 36mm² WHICH INCLUDES PLASTIC AND WIRE BUNDLE PUSH AREAS.
- N/A
- PART AS RECEIVED AT THE FORD PLANT OR SERVICE PART PACKAGER / WAREHOUSE MUST BE FREE OF ANY CORROSION ALIGNED WITH THE FORD CUSTOMER SERVICE DIVISION (FCSD) PACKAGING AND SHIPPING GUIDE. PACKAGING AND PROTECTIVE MATERIALS MUST PRESERVE THE INTENDED FUNCTION AND APPEARANCE OF THE PART.
- CHANGES TO DESIGN, COMPOSITION OR PROCESSING OF THE PART PREVIOUSLY APPROVED FOR PRODUCTION REQUIRE PRIOR APPROVAL FROM FORD MOTOR COMPANY PRODUCT ENGINEERING. REFER TO ISO / TS 16949.
- FOR CURRENT RELEASE STATUS, SEE THE WERS ENGINEERING NOTICE.
- THIS DRAWING HAS BEEN PREPARED BY OR ON BEHALF OF FORD MOTOR COMPANY. FORD MOTOR COMPANY RETAINS ALL COMMON LAW, STATUTORY AND OTHER RESERVED RIGHTS, INCLUDING COPYRIGHTS. THIS DRAWING MUST NOT BE USED FOR ANY PURPOSE OTHER THAN PERFORMING SERVICES DIRECTLY OR INDIRECTLY TO FORD MOTOR COMPANY WITHOUT THE EXPRESSED WRITTEN PERMISSION OF FORD MOTOR COMPANY. UNAUTHORIZED USE, COPYING, OR MODIFICATION, INCLUDING THE REMOVAL OF THIS NOTE, MAY CONSTITUTE A VIOLATION OF CIVIL OR CRIMINAL LAWS ENFORCEABLE BY FORD OR GOVERNMENTAL AGENCIES COPYRIGHT 30 FORD MOTOR COMPANY.
- FOR THE PURPOSES OF GEOMETRIC TOLERANCEING, ALL DIMENSIONAL INFORMATION CONTAINED IN THE CAD MODEL IS BASIC (THEORETICAL).

FU5T-14489-UA  
FU5T-14489-TA  
FU5T-14489-SA

REFERENCE — 08CKT MINI50 GEN I USCAR COMPATIBLE FEMALE CONNECTOR <b>molex</b>			
PART MUST COMPLY WITH MATERIAL SPECIFICATION WSS-M99P9999-A1 TO HELP SAFEGUARD HEALTH, SAFETY AND THE ENVIRONMENT.			
DRAFTED IN ACCORDANCE WITH FAO ENGINEERING DRAFTING STANDARD CURRENT AT INITIAL RELEASE		3RD ANGLE PROJ DIMENSIONS IN MILLIMETERS	
CAD TYPE TOE	CAD LOC. MOLEX	CAD FILE	DTMC IS MASTER
OPER. NO. 34791MAH0	UNIT EU13	DRAWING FU5T-14489-SA	
DESIGN TMACHUGA	DETAIL N/A	TITLE SLV WIR CONN FEM	
CHECKED RBAUMAN	SAFETY N/A	SHT 1 OF 1	
SCALE 6:1	DATE 2016/04/15	DIVISION PLANT	