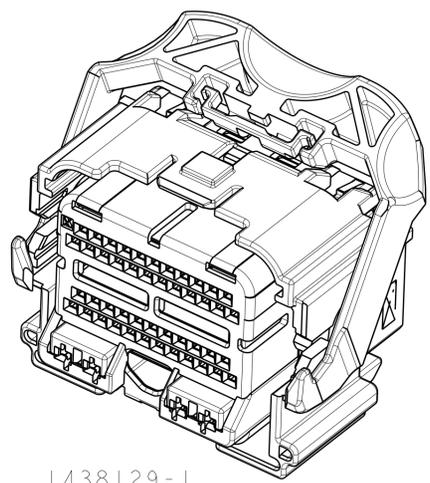
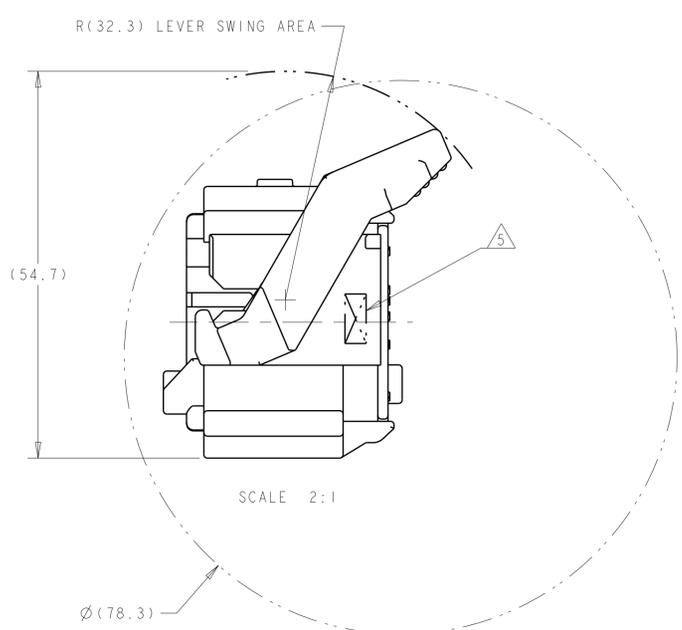
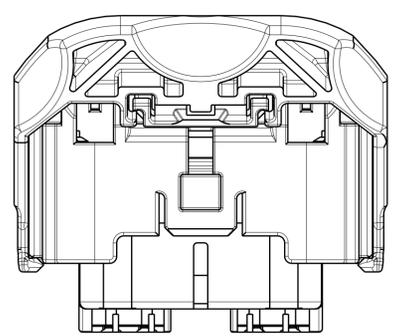


REVISIONS					
P.	LTN	DESCRIPTION	DATE	DMN	APVD
F32		REVISED PER ECO-16-003418	08MAR2016	DLD	DCM
F33		REVISED PER ECO-16-018427	25JAN2017	DLD	DCM
F34		REVISED PER ECO-17-007768	30MAY2017	DLD	DCM
F35		REVISED PER ECO-17-014872	24OCT2017	JMS	CM



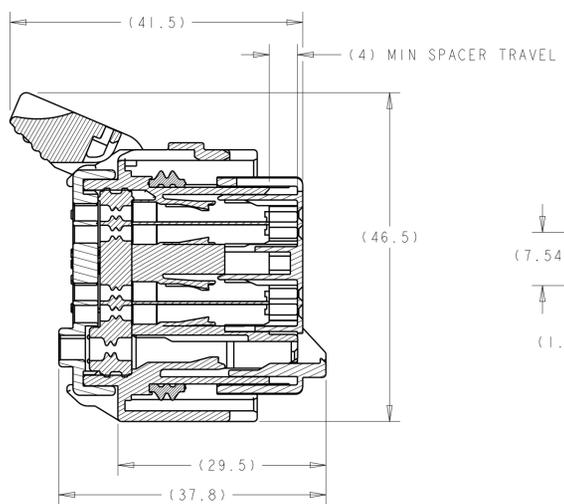
1438129-1
SHOWN WITH SPACER
IN SEATED POSITION



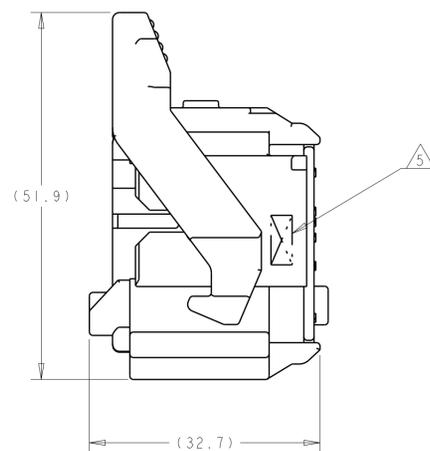
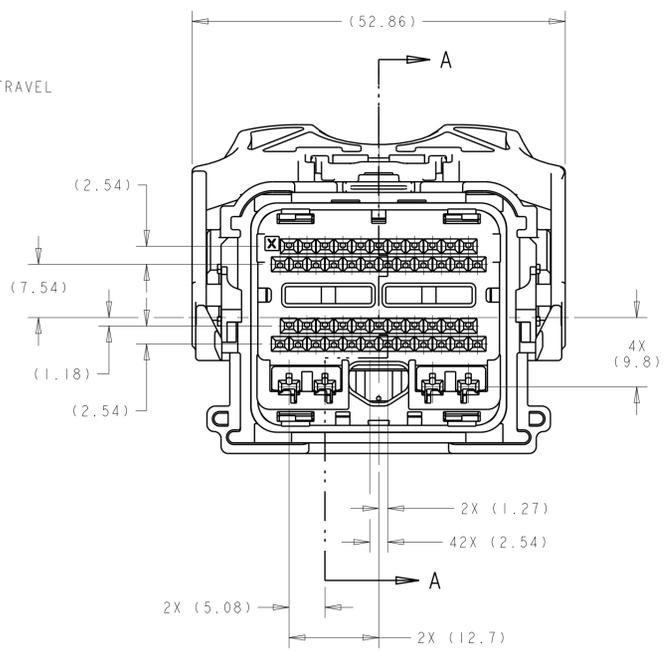
SCALE 2:1

MIN. FEED THRU
CONDITION WITH 1mm
CLEARANCE ALL AROUND
SHOWN WITH SPACER IN SEATED POSITION

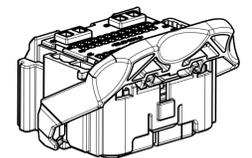
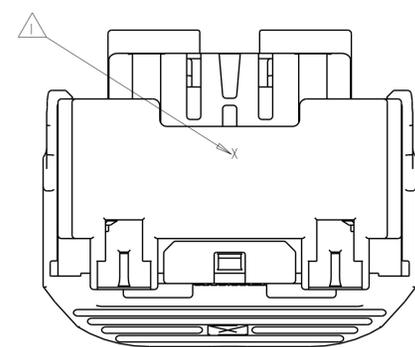
- PRINT PART NUMBER (5S4T-14A464-L*-***, 5S4T-14A464-M*-***, 5S4T-14A464-N*-***) AND TRACEABILITY (YY : 2 DIGIT YEAR, JJJ = JULIAN DATE, HH = 2 DIGIT MILITARY HOUR CODE IN THE LOCATION AT ASSEMBLY. SEE SHEET 3 THRU 7 (-*) PART NUMBERS.
 - APPLICABLE MOLEX (1.5) POWER TERMINAL PART NUMBERS:
33012-0002 TIN 0.50-1.50mm²
 - CAM LEVER AND SPACER ARE SHIPPED IN THEIR PRE-ASSEMBLED POSITIONS.
 - REFERENCE TO CONNECTIVITY INSTRUCTION SHEET 408-8893.
- △ COMPANY LOGO.



SECTION A-A
SPACER AND LEVER IN
PRE-SEATED POSITION
(DELIVERY CONDITION)



SHOWN WITH CAM
LEVER AND SPACER
IN LOADED POSITION



SCALE 1:1

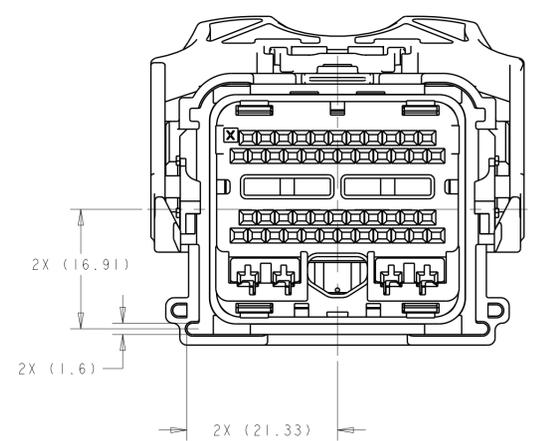
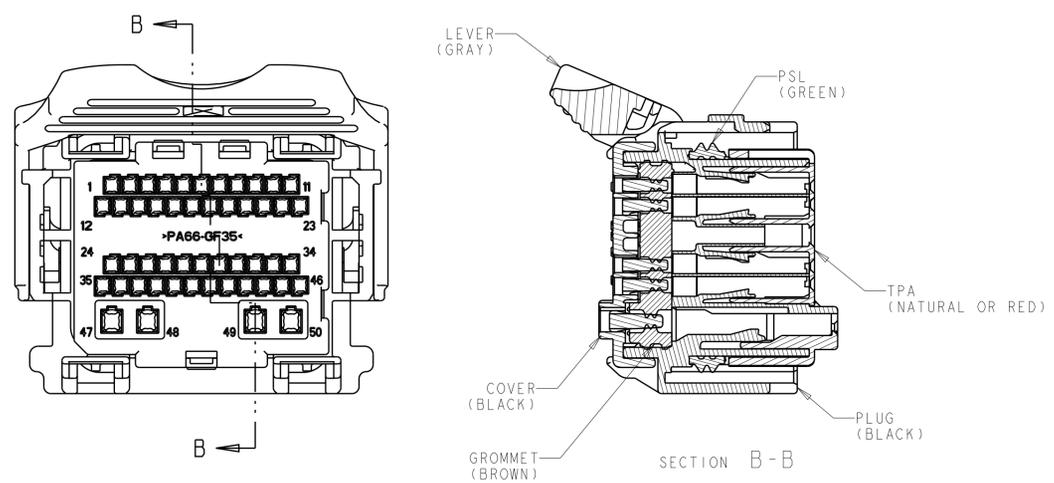
APPLICABLE COMPONENTS (FOR REFERENCE ONLY)						
DESCRIPTION	NOMINAL TERMINAL SIZE	COLOR/PLATING	FORD COMPONENT PART NUMBER	SUPPLIER PART NUMBER	MATERIAL/SPECIFICATION NUMBER	SAE WIRE SIZE
TERMINAL - FEMALE (Ag)	0.64 (CAT. 0)	SILVER	7S4T-14474-AA	I393366-2	COPPER ALLOY/SILVER PLATE	20AWG
						18AWG
TERMINAL - FEMALE (Ag)	0.64 (CAT. 0)	SILVER	7S4T-14474-BA	I393367-2	COPPER ALLOY/SILVER PLATE	22AWG
TERMINAL - FEMALE (Sn)	0.64 (CAT. 0)	TIN	1L2T-14474-AA	I393366-1	COPPER ALLOY/TIN PLATE	20AWG
						18AWG
TERMINAL - FEMALE (Sn)	0.64 (CAT. 0)	TIN	1L2T-14474-BA	I393367-1	COPPER ALLOY/TIN PLATE	22AWG
TERMINAL - FEMALE (Au)	0.64 (CAT. 0)	GOLD	1L2T-14474-CA	I393365-1	COPPER ALLOY/GOLD PLATE	20AWG
						18AWG
TERMINAL - FEMALE (Au)	0.64 (CAT. 0)	GOLD	1L2T-14474-DA	I393364-1	COPPER ALLOY/GOLD PLATE	22AWG

ANY DESIGN CHANGES ON THIS ASSEMBLY MAY ALSO BE REQUIRED ON ASSEMBLY DRAWING 1438691

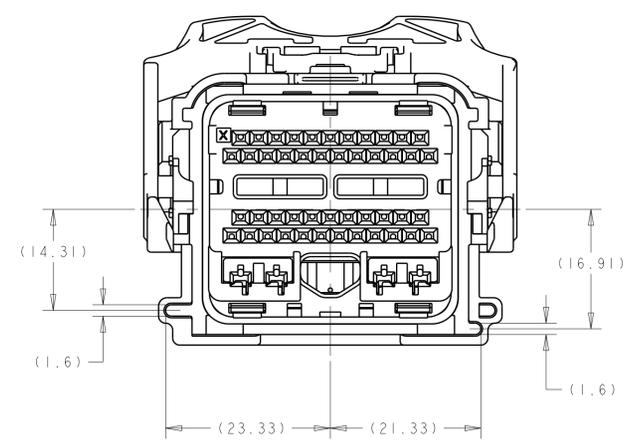
SEE TABLES
SHEETS 3 THRU 7
PART NUMBER

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DIMENSIONS: mm		CHK: T. VALASEK 15APR2005	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: T. VALASEK 15APR2005	NAME: 50-WAY HARNESS ASSEMBLY, PCM
0 PLC ±0.3 1 PLC ±0.10 2 PLC ±0.10 3 PLC ±0.10 4 PLC ±0.10 ANGLES ±1°		PRODUCT SPEC: -	APPLICATION SPEC: -
MATERIAL: -		FINISH: -	WEIGHT: -
CUSTOMER DRAWING		SCALE: 1:1	SHEET 1 OF 10

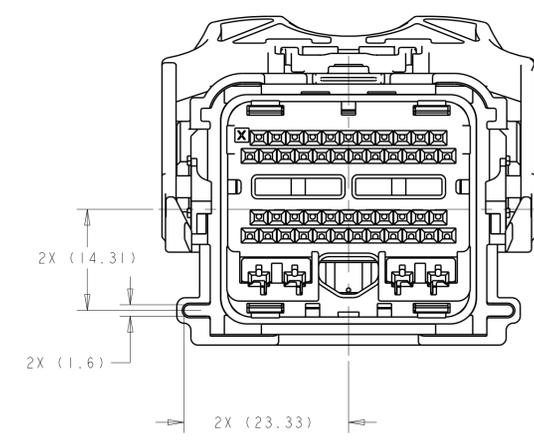
REVISIONS				
P.	LTN.	DESCRIPTION	DATE	APPV.
-	-	SEE SHEET 1	-	-



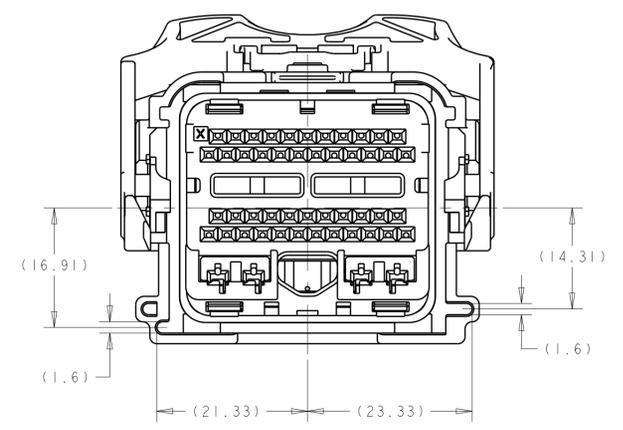
1438129-1
KEYING OPTION "A"



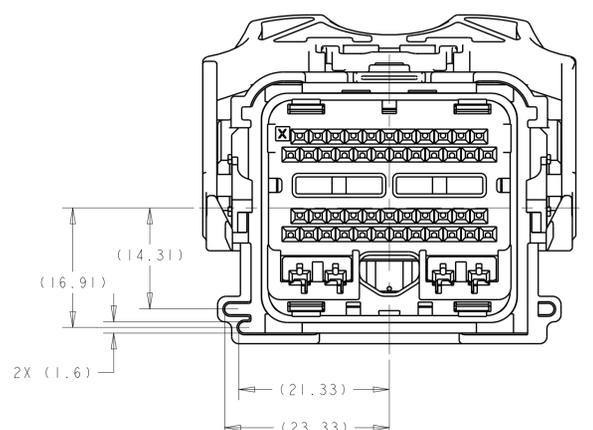
1438129-2
KEYING OPTION "B"



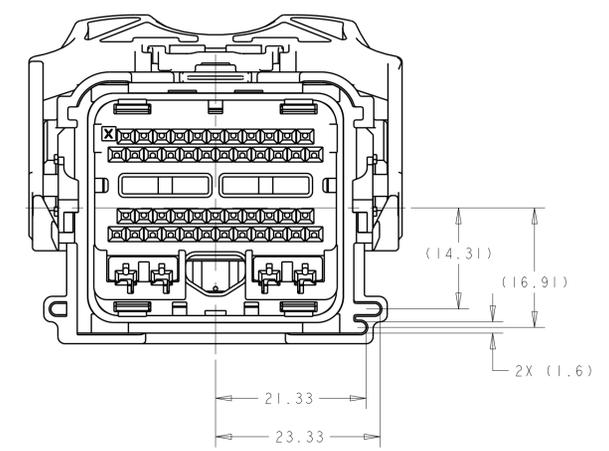
1438129-3
KEYING OPTION "C"



1438129-4
KEYING OPTION "D"

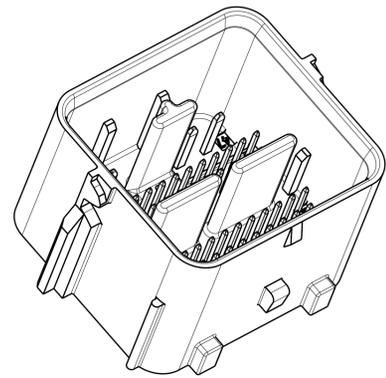


1438129-5
KEYING OPTION "E"

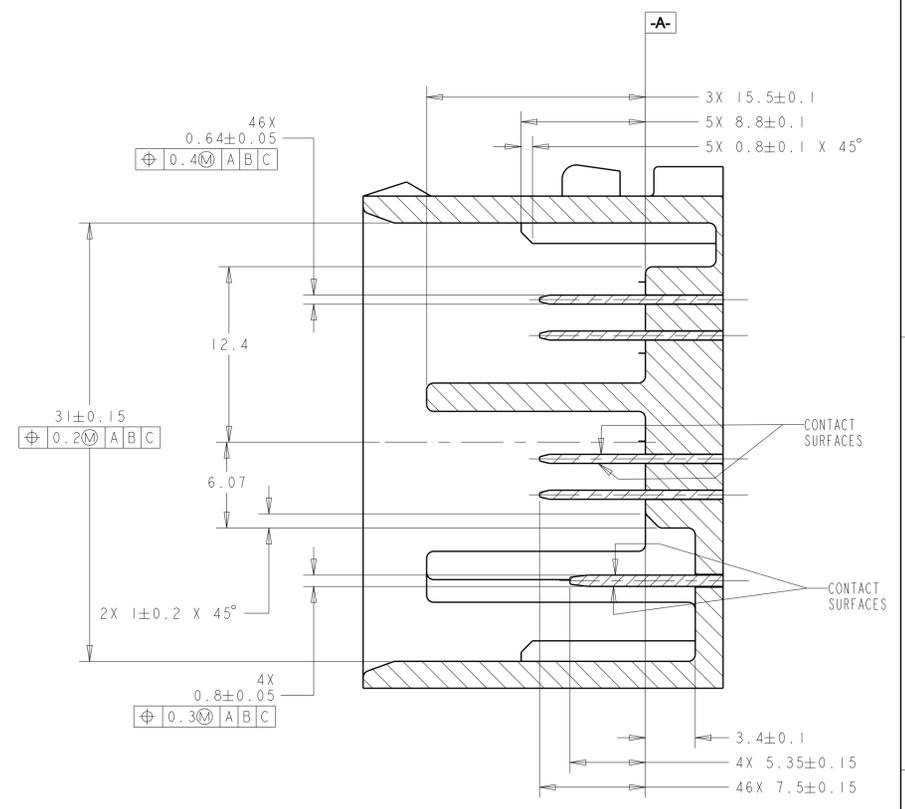
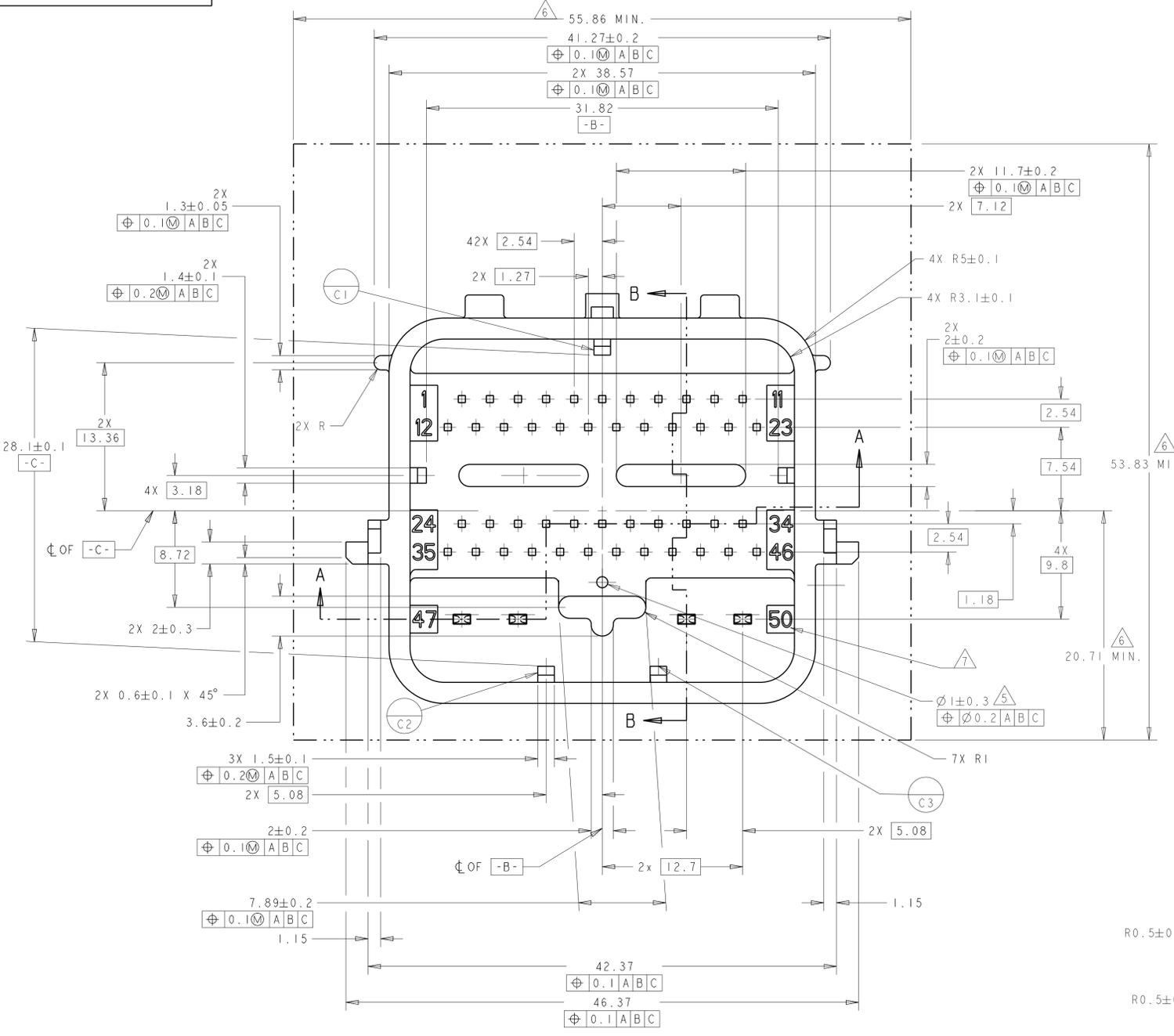


1438129-6
KEYING OPTION "F"

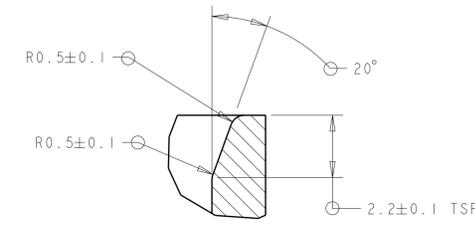
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DIMENSIONS: mm		CHK: T. VALASEK 15APR2005	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: T. VALASEK 15APR2005	NAME: 50-WAY HARNESS ASSEMBLY, PCM
0 PLC ±	1 PLC ±0.3	PRODUCT SPEC	SIZE: CAGE CODE: DRAWING NO: A100779C=1438129
2 PLC ±0.10	3 PLC ±	APPLICATION SPEC	RESTRICTED TO
4 PLC ±	ANGLES ±	WEIGHT	SCALE: 2:1 SHEET 2 OF 10 REV: F35
MATERIAL	FINISH	CUSTOMER DRAWING	



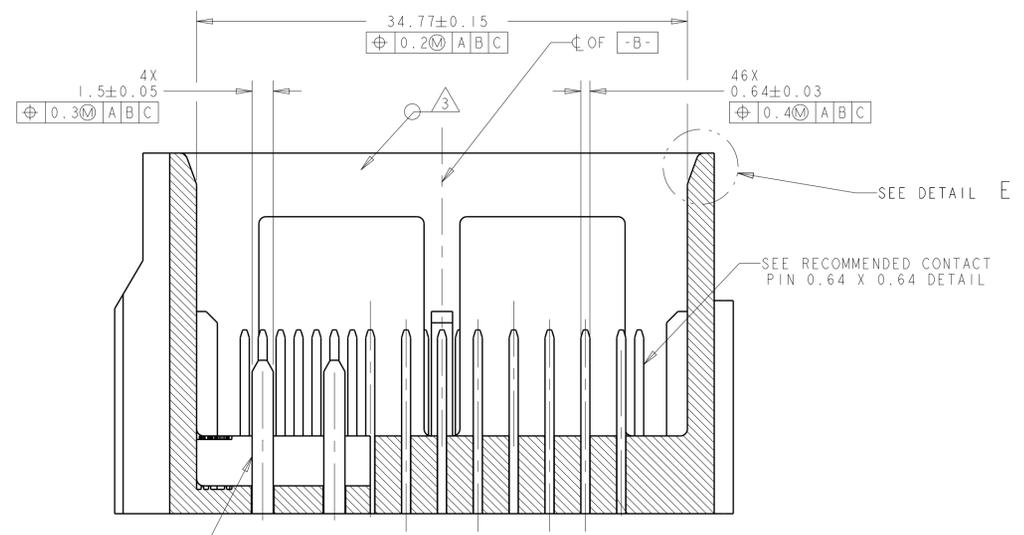
SCALE 2:1



SECTION B-B



DETAIL E SCALE 8:1



SECTION A-A

NOTES: UNLESS OTHERWISE SPECIFIED

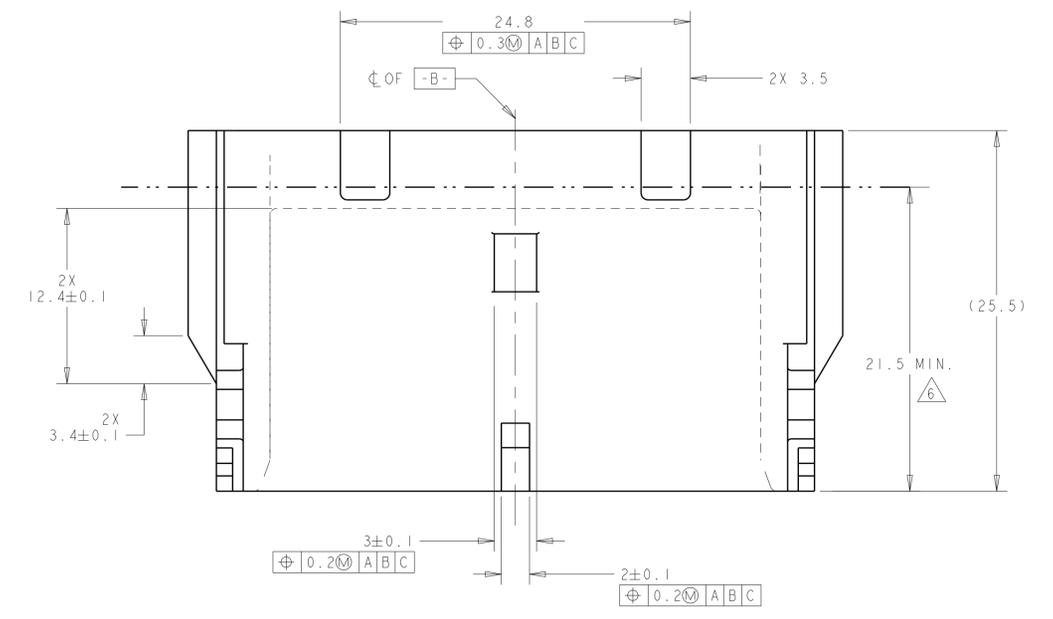
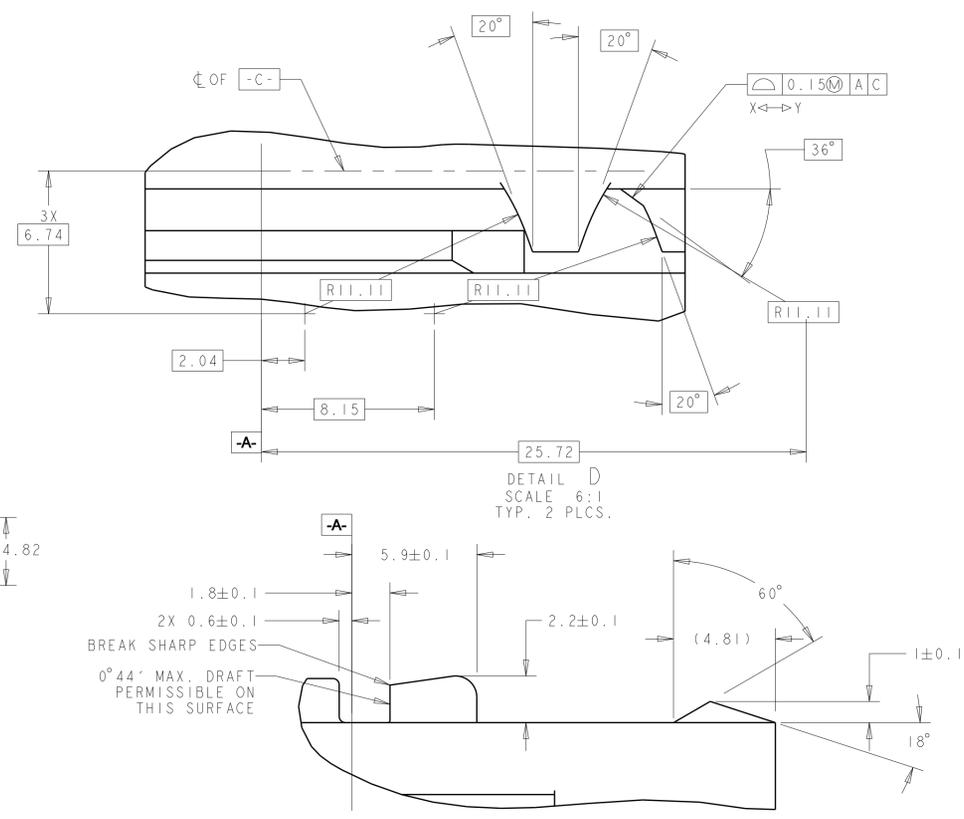
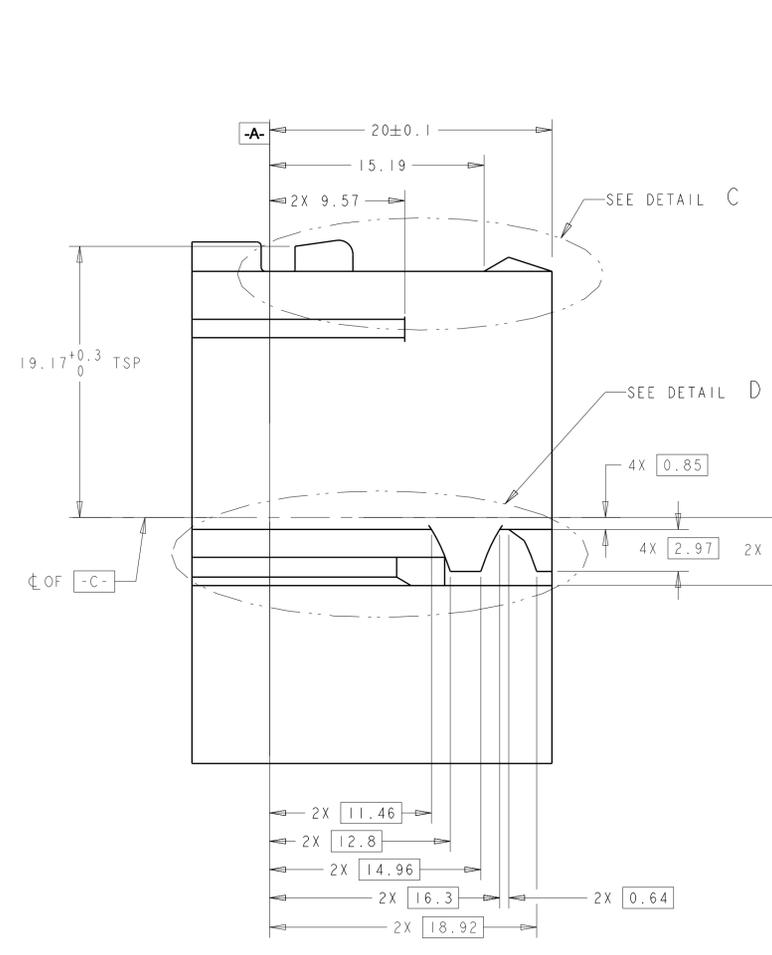
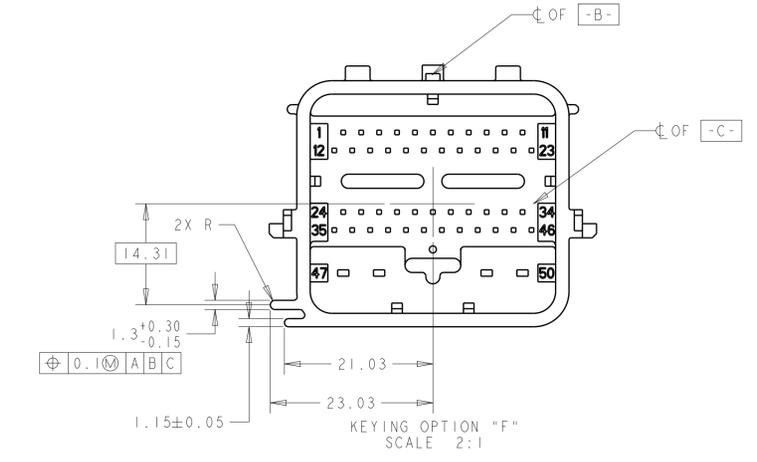
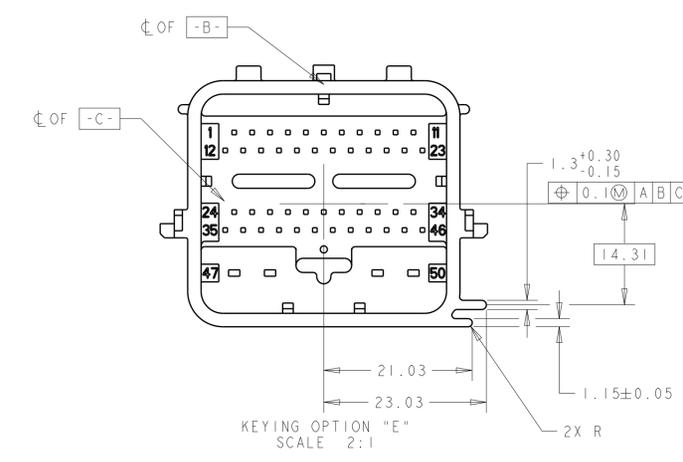
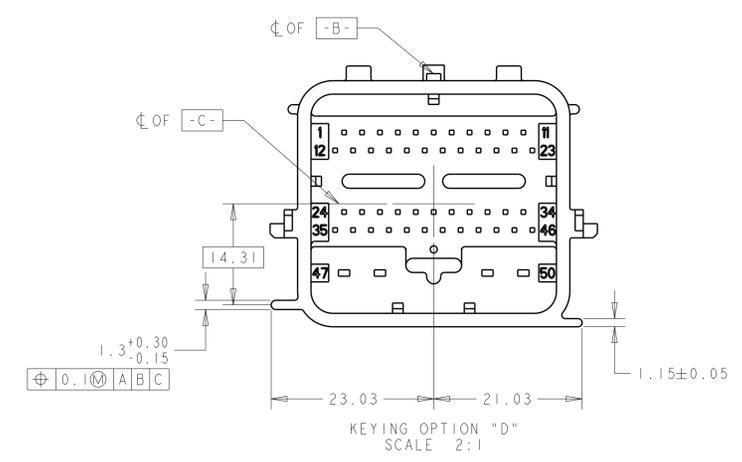
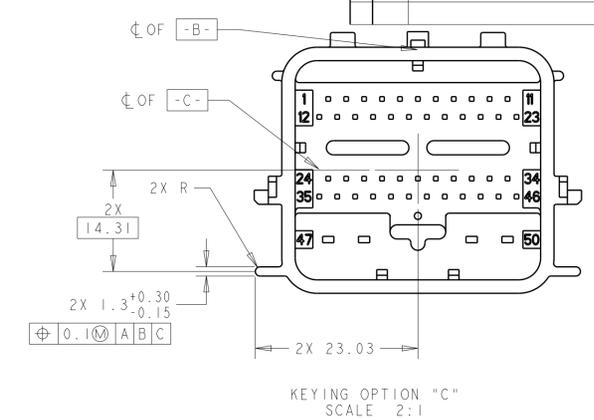
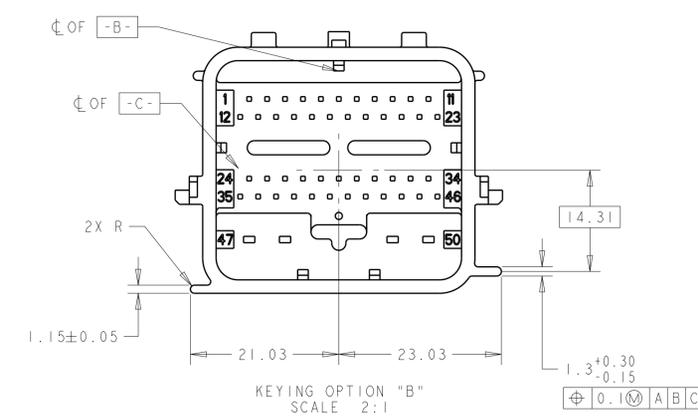
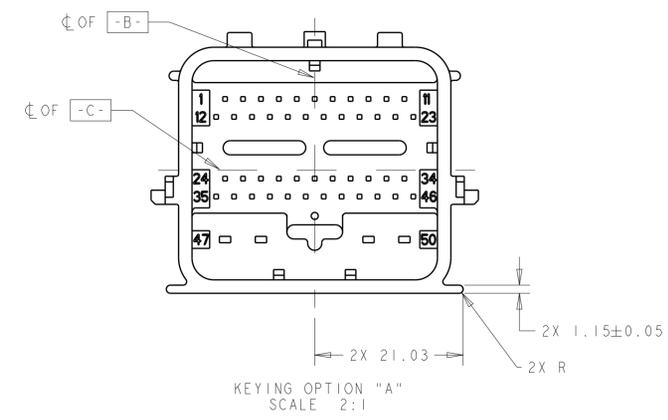
1. GENERAL TOLERANCE:
 ±0.3 ALL ONE PLACE DIMENSIONS
 ±0.10 ALL TWO PLACE DIMENSIONS
 ±1°00' ALL ANGULAR DIMENSIONS
2. DRAFT ANGLE PERMISSIBLE ONLY WITHIN DRAWING TOLERANCE.
3. SEALING SURFACE, NO WITNESS LINES OR DAMAGE PERMITTED.
4. ALL UNMARKED RADII TO BE 0.5 MAX., UNLESS OTHERWISE SPECIFIED.
5. VENT HOLE SIZE AND LOCATION IS OPTIONAL.
6. THIS AREA TO REMAIN CLEAR FOR THE HARNESS ASSEMBLY.
7. TERMINAL POSITION IDENTIFICATION.
8. MATES WITH TYCO ELECTRONICS PART NUMBERS 1438129-# & 1438950-#

REVISIONS				
P.	LTN.	DESCRIPTION	DATE	APPV.
-	-	SEE SHEET 1	-	-

THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN: R. VESTAL 15APR2005	TE Connectivity										
DIMENSIONS: mm		CHK: T. VALASEK 15APR2005											
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: T. VALASEK 15APR2005	NAME: 50-WAY HARNESS ASSEMBLY, PCM										
<table border="1"> <tr><td>0 PLC</td><td>±</td></tr> <tr><td>1 PLC</td><td>±0.3</td></tr> <tr><td>2 PLC</td><td>±0.10</td></tr> <tr><td>3 PLC</td><td>±</td></tr> <tr><td>4 PLC</td><td>±</td></tr> </table>		0 PLC	±	1 PLC	±0.3	2 PLC	±0.10	3 PLC	±	4 PLC	±	PRODUCT SPEC:	SIZE: CAGE CODE DRAWING NO.
0 PLC	±												
1 PLC	±0.3												
2 PLC	±0.10												
3 PLC	±												
4 PLC	±												
<table border="1"> <tr><td>FINISH</td><td>±1*</td></tr> </table>		FINISH	±1*	APPLICATION SPEC:	RESTRICTED TO:								
FINISH	±1*												
MATERIAL:		WEIGHT:	A100779C=1438129										
CUSTOMER DRAWING		SCALE: 1:1	SHEET 9 OF 10										

HEADER INTERFACE KEYING OPTIONS

REVISIONS				
P.	LTN.	DESCRIPTION	DATE	OWN. APVD.
-	-	SEE SHEET 1	-	-



THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN. R. VESTAL 15APR2005	TE Connectivity
DIMENSIONS: mm		CHK. T. VALASEK 15APR2005	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD. T. VALASEK 15APR2005	NAME 50-WAY HARNESS ASSEMBLY, PCM
0 PLC ± 1 PLC ±0.3 2 PLC ±0.10 3 PLC ± 4 PLC ± ANGLES ±1°		PRODUCT SPEC	SIZE CAGE CODE DRAWING NO. RESTRICTED TO
MATERIAL		WEIGHT	A100779C=1438129
FINISH		CUSTOMER DRAWING	SCALE 1:1 SHEET 10 OF 10 REV F35

Mouser Electronics

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[7-1438129-4](#)