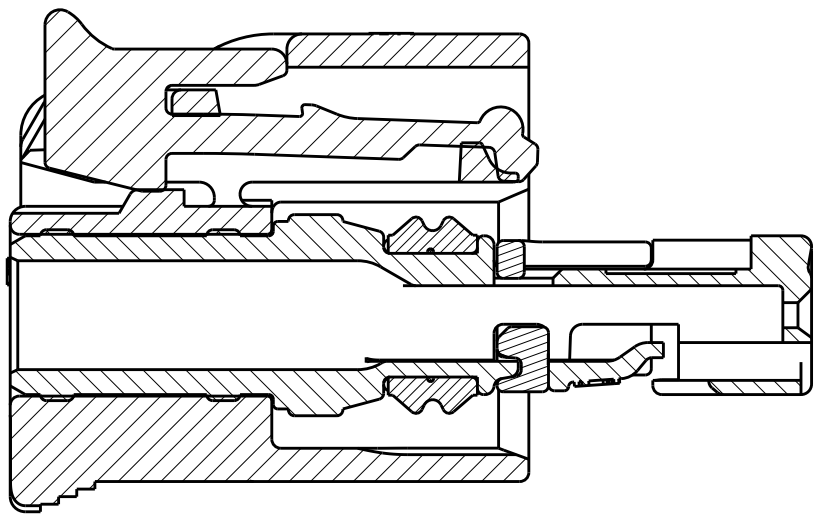
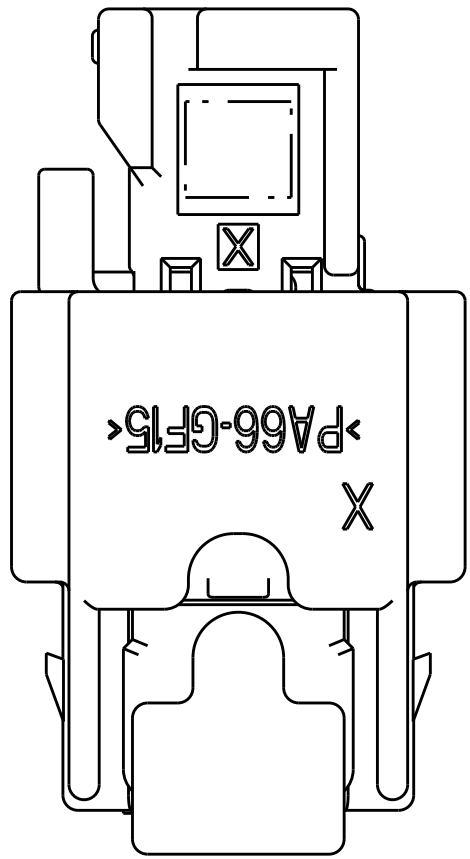
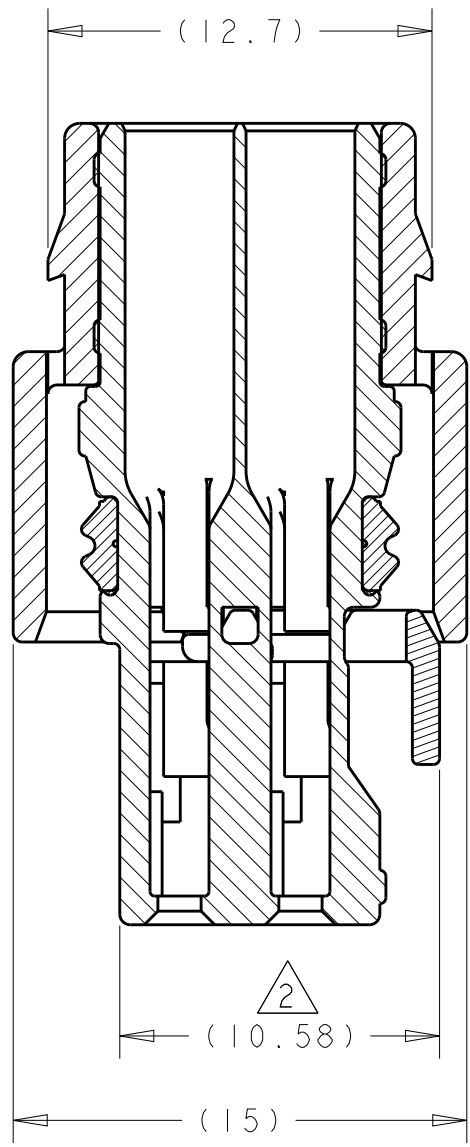


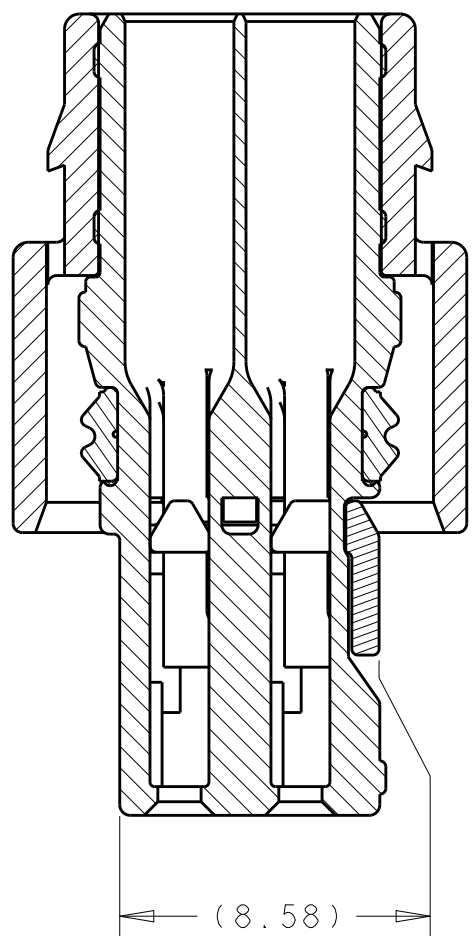
1. PART NUMBER 1-1924067-9 SHOWN ON DRAWING.
2. TPA AND CPA (WHEN APPLICABLE) ARE SHIPPED IN THEIR PRE-LATCHED POSITIONS. SEE INSTRUCTION SHEET 408-8968 FOR DIRECTIONS ON MOVING THE CPA AND TPA TO THE PRE-LATCHED POSITION, IF NECESSARY.
3. TERMINALS SOLD SEPARATELY. FOR USE WITH TE MCON 1.2mm CLEAN BODY CONTACT WITH WIRE SEAL. SEE TE MCON 1.2-CB (CLEAN BODY) TABLE FOR APPLICABLE PART NUMBERS.
4. APPLICABLE HEADER INTERFACE DRAWING 114-18679-3 IS AVAILABLE UPON REQUEST. A COPY OF THIS DRAWING CAN BE OBTAINED FROM THE TYCO ELECTRONICS PRODUCT MANAGER, VIA YOUR TE CONNECTIVITY SALES REPRESENTATIVE OR CUSTOMER SERVICE.
5. MINIMUM FEED THROUGH CONDITION WITH 1.0mm CLEARANCE ALL AROUND.
6. TRACEABILITY PRINTED IN THIS LOCATION AT ASSEMBLY.
7. NOTE LEFT BLANK INTENTIONALLY.
8. PART NUMBERS 1924067-7, -8, 1-7, 1-8 INNER HOUSING ARE ASSEMBLED 180°.
9. PROTOTYPE ASSEMBLIES USE GERMAN OUTER HOUSING P/N: 1718648-1, CPA P/N: 1670193-1 AND SEAL P/N: 1718650-1.
10. NOTE DELETED
11. TPA ENGAGE FORCE: PRESET TO FULL ≥ 2 N AND ≤ 60 N.
12. TPA DISENGAGE FORCE: DISENGAGE FROM FULL TO PRESET ≥ 2 N AND ≤ 60 N.
13. CPA ENGAGE FORCE: PRESET TO FULL WITHOUT CONNECTORS MATED ≥ 40 N.
14. CPA ENGAGE FORCE: PRESET TO FULL WITH CONNECTORS MATED < 30 N.
15. POLARIZATION FEATURE EFFECTIVENESS:
CONNECTOR MATED TURNED 180° NO MATING > 125 N.
WRONG KEYING NO MATING > 125 N.
16. VALIDATED UP TO USCAR TEMPERATURE CLASS III.
17. SEE INSTRUCTION SHEET 408-8928.
18. REFERENCE SHEET 2 FOR ISOMETRIC VIEWS.
19. TERMINAL 1670146-x REPLACES 1418847-x



SECTION B-B
SHOWN WITH CPA (WHEN APPLICABLE)
IN IT'S LATCHED POSITION
FOR REFERENCE ONLY

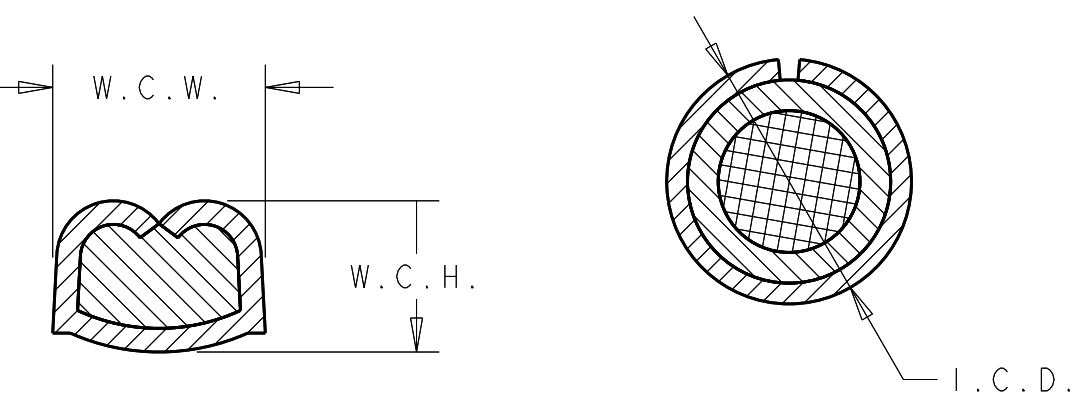
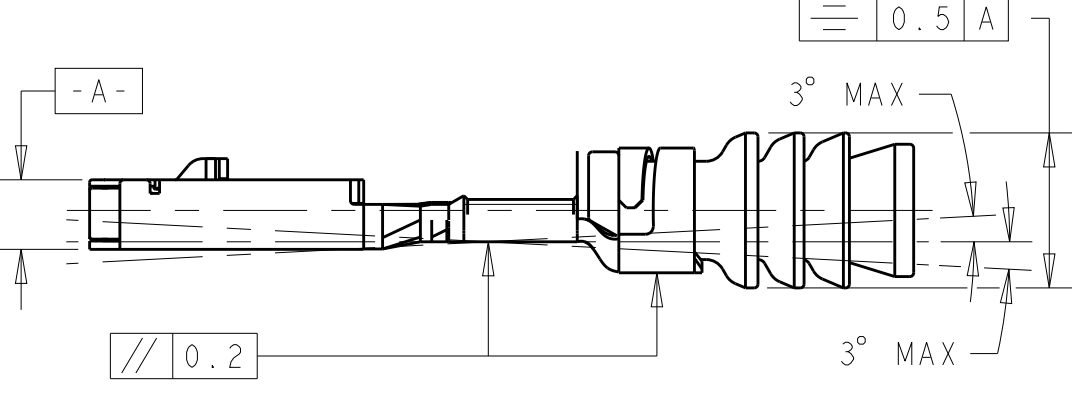
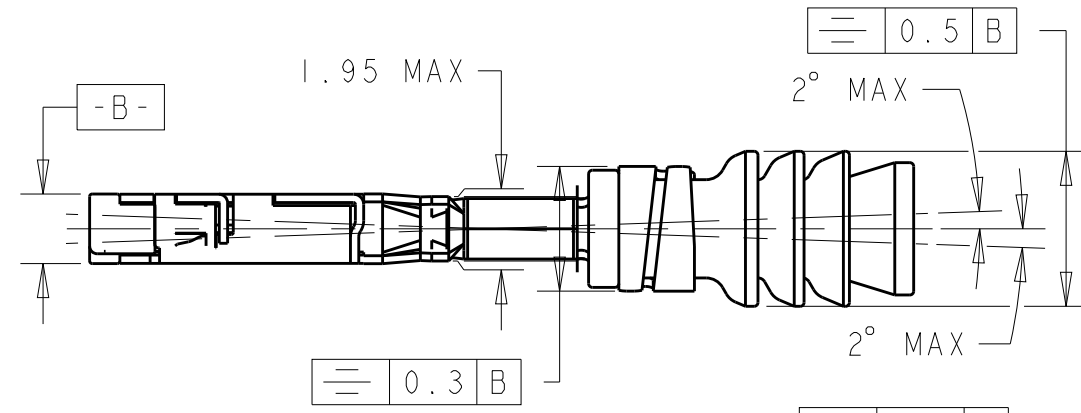


SECTION A-A
SHOWN WITH TPA
IN IT'S LATCHED POSITION
FOR REFERENCE ONLY



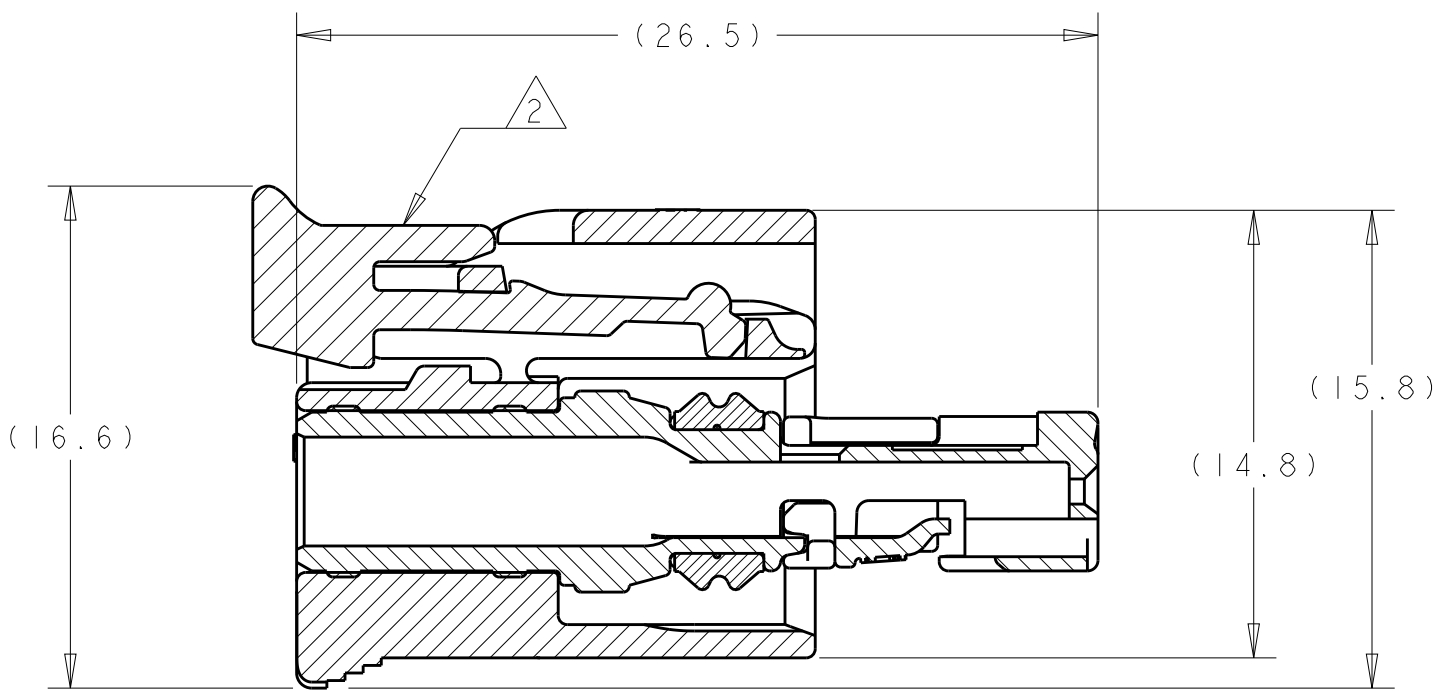
SECTION A-A
SHOWN WITH TPA
IN IT'S LATCHED POSITION
FOR REFERENCE ONLY

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
B5		REVISED PER ECO-12-019932	13NOV2012	DLD	SLM
B6		REVISED PER ECO-14-014610	26SEP2014	DLD	SLM

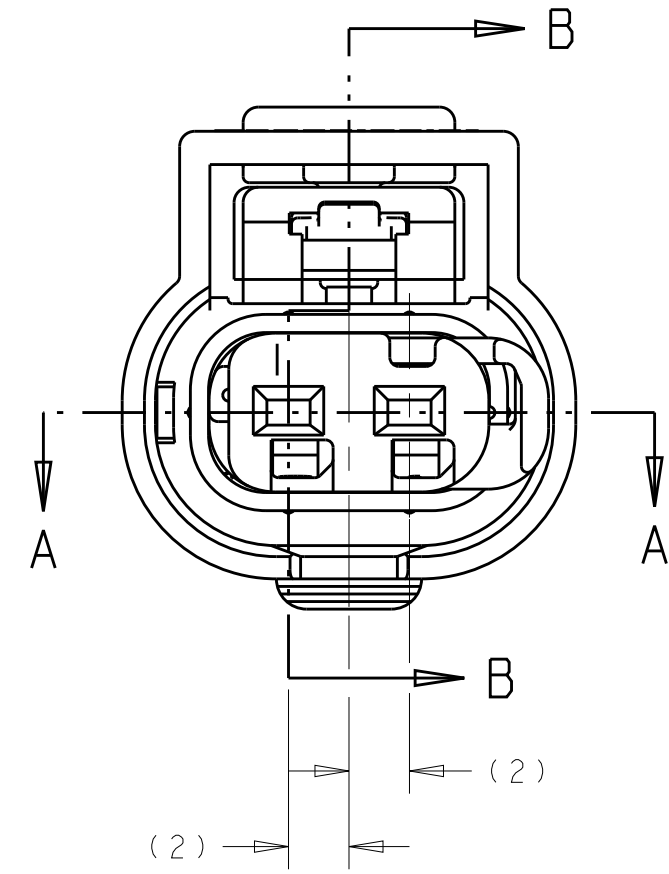


WIRE CRIMP
DIMENSIONS

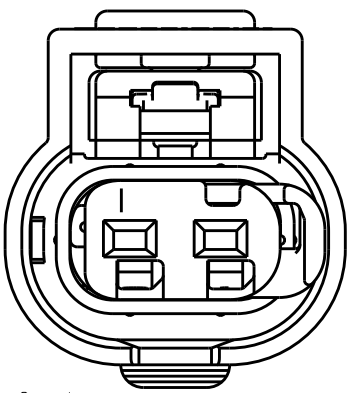
INSULATION CRIMP
DIMENSIONS



SECTION B-B

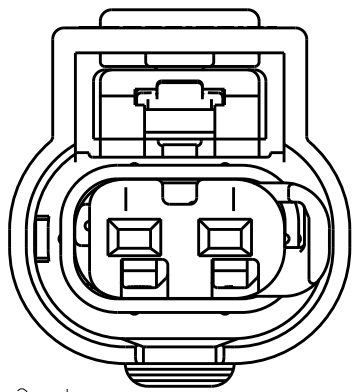


KEYING CONFIGURATIONS



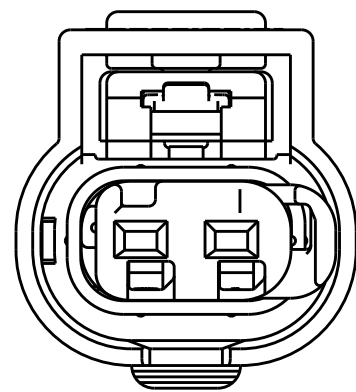
SCALE 3:1

KEYING OPTION A



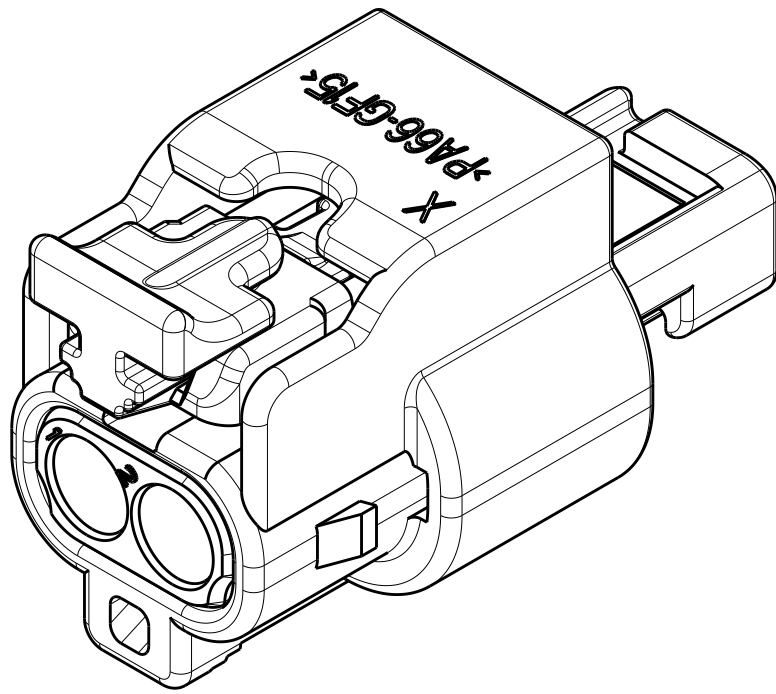
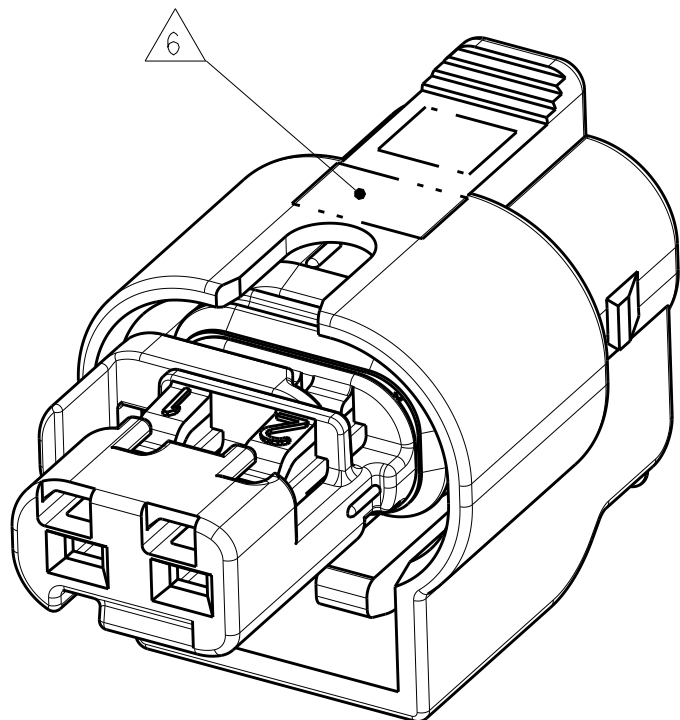
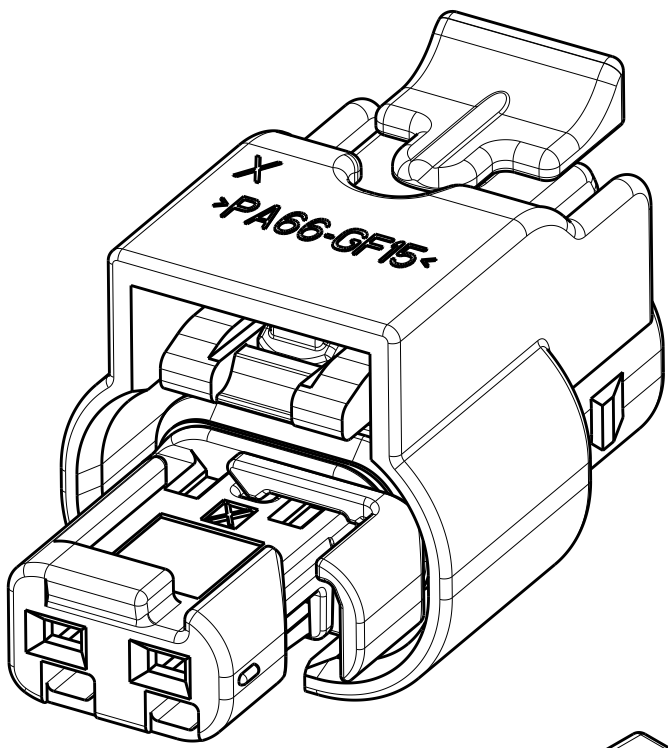
SCALE 3:1

KEYING OPTION B



SCALE 3:1

KEYING OPTION C



ISOMETRIC VIEWS
1-1924067-9

TE MCON 1.2-CB (CLEAN BODY)									
19	1670146-3	SILVER	3.6 ±0.3	20	1.4 TO 1.9	0.84 ±0.03	1.57 ±0.05	3.25±0.05	967067-1
	1670146-2	GOLD							
	1670146-1	TIN							
	1418850-3	SILVER	3.6 ±0.3	18 16 18 16 18 16	1.9 TO 2.4	1.11 ±0.05	1.78 ±0.05	3.35±0.05	964972-1
1418850-2	GOLD	1.31 ±0.05							
		1.11 ±0.05							
		1.31 ±0.05							
		1.11 ±0.05							
1418850-1	TIN		1.31 ±0.05						
PART NUMBER	PLATING	WIRE STRIP LENGTH	AWG	INSL. RANGE	W.C.H.	W.C.W.	I.C.D.	WIRE SEAL PART NUMBER	

RELEASED	RED	2138907-1	BLUE	C	4-1924067-3
RELEASED	RED	2138907-1	NATURAL	B	4-1924067-2
RELEASED	RED	2138907-1	BLACK	A	4-1924067-1
RELEASED	VIOLET	1989913-2	BLUE	C	2-1924067-1
RELEASED	VIOLET	1989913-2	NATURAL	B	2-1924067-0
RELEASED	VIOLET	1989913-2	BLACK	A	1-1924067-9
RELEASED	RED	1488787-1	BLACK	A	1-1924067-8
RELEASED	-	-	BLACK	A	1-1924067-7
RELEASED	RED	1488787-1	BLUE	C	1-1924067-6
RELEASED	RED	1488787-1	NATURAL	B	1-1924067-5
RELEASED	RED	1488787-1	BLACK	A	1-1924067-4
RELEASED	-	-	BLUE	C	1-1924067-3
RELEASED	-	-	NATURAL	B	1-1924067-2
RELEASED	-	-	BLACK	A	1-1924067-1

9 OBSOLETE					1924067-8
					1924067-7
					1924067-6
9 OBSOLETE					1924067-5
					1924067-4
					1924067-3
9 OBSOLETE					1924067-2
					1924067-1
					1924067-0

STATUS	COLOR	PART NO	COLOR	KEY	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M. FORISKA	25SEP2006	TE Connectivity	
DIMENSIONS:		CHK G. MARTIN	25SEP2006	NAME	
mm		APVD G. MARTIN	25SEP2006	PRODUCT SPEC	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APPLICATION SPEC		SIZE	
0 PLC		±0.3		CAGE CODE	
1 PLC		±0.10		DRAWING NO	
2 PLC		±0.10		RESTRICTED TO	
3 PLC		±0.10		A100779	
4 PLC		±0.10		C=1924067	
ANGLES		±1°		SCALE	
FINISH		-		4:1	
MATERIAL		-		SHEET	
SEE TABLE		-		1 OF 2	
		WEIGHT		REV	
		2.07g		B6	
		CUSTOMER DRAWING			

