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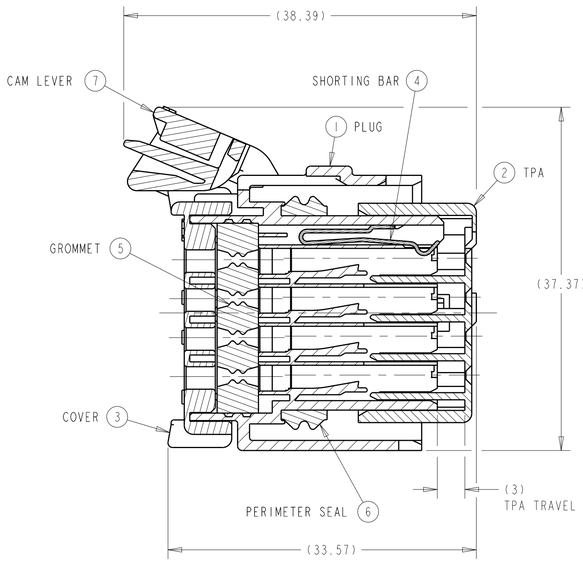
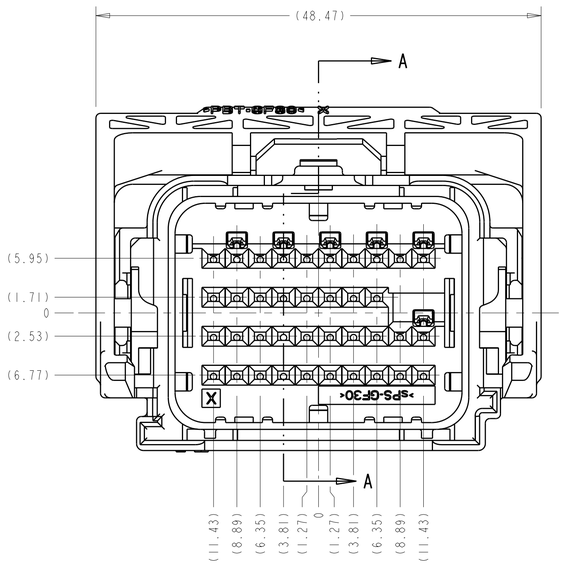
LOC	DIST
FX	00

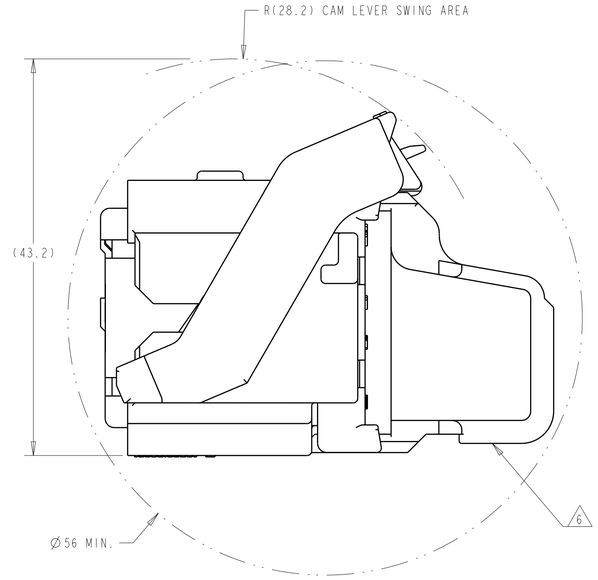
REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	BT	REV PER ECO 08-017679	21JUL2008	RGV	WTW



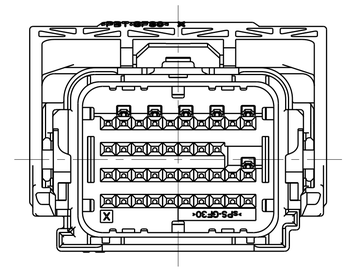
SECTION A-A
SHOWN WITH CAM LEVER
AND TPA IN THEIR
PRE-LOADED POSITIONS
(DELIVERY CONDITION)



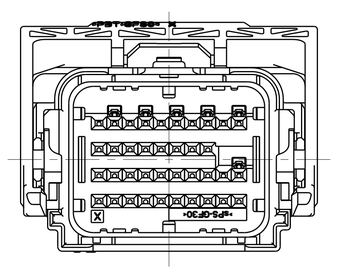


MINIMUM FEED THROUGH CONDITION
WITH 1mm CLEARANCE ALL AROUND
SHOWN WITH OPTION WIRESHIELD
TPA IS IN IT'S LOADED POSITION
CAM LEVER IS IN IT'S PRE-LOADED POSITION

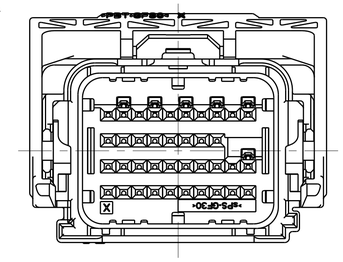
KEYING OPTIONS
SCALE 2:1



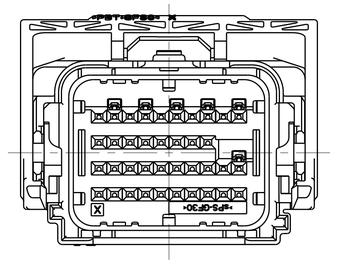
OPTION "G"



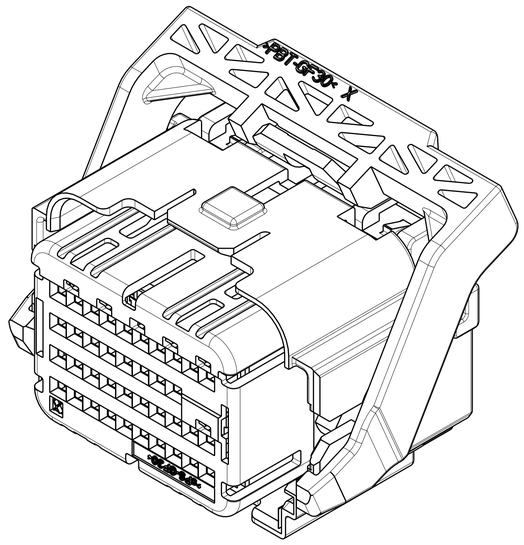
OPTION "H"

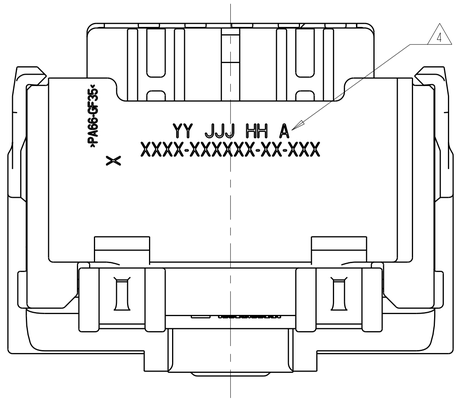


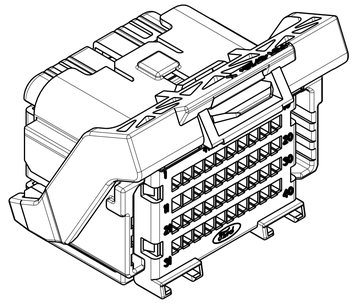
OPTION "J"



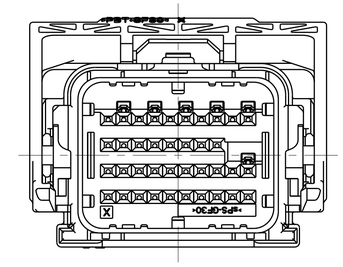
OPTION "K"



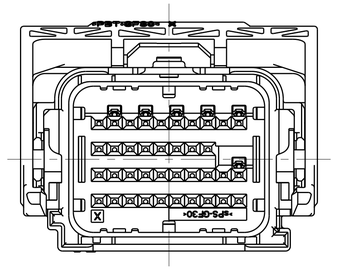




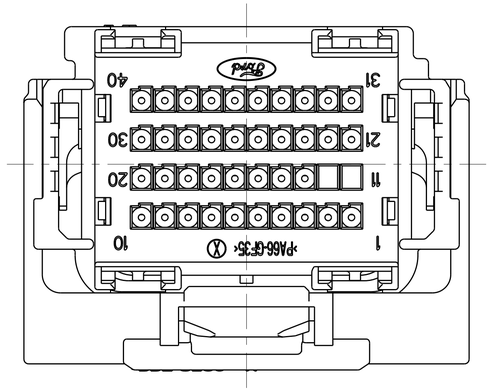
SCALE 2:1

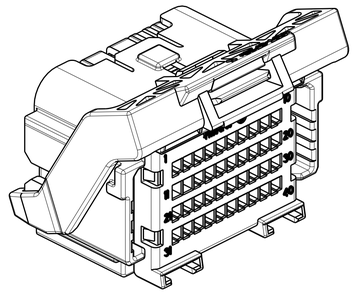


OPTION "L"

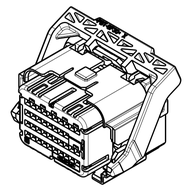


OPTION "M"





THIS VIEW SHOWS THE
MODIFIED CAM LEVER
SCALE 2:1



SCALE 1:1

KEYING OPTION "G" SHOWN
SEE SHEET 2 FOR BILL OF MATERIALS
AND SHEET 3 FOR PIN-OUT CHARTS

NOTE(S):

1. APPLICABLE TERMINAL PART NUMBERS (SOLD SEPARATELY):
   FOR TIN APPLICATIONS: 1393367 AND 1393366.
   FOR GOLD APPLICATIONS: 1393365 AND 1393364.
   FOR TERMINATION AND REELING OPTIONS
   SEE DRAWINGS 1393367, 1393366, 1393365, AND 1393364.

2. COMPATIBLE WIRE SIZES FOR MAT SEAL DESIGN 1.19 TO 2.06 O.D.
   (22-18 AWG, 0.35-0.75 mm2)

3. TPA AND CAM LEVER ARE SHIPPED IN THEIR PRE-LOADED POSITION.
   ALL ASSEMBLIES ARE TO BE TRAY PACKAGED.

4. CUSTOMER PART NUMBER AND TRACEABILITY CODE (YY = TWO DIGIT YEAR, JJJ = JULIAN DAY, HH = TWO DIGIT MILITARY HOUR, A=ASSEMBLY PROCESS USED) ARE PRINTED IN THIS LOCATION.

5. PART ASSEMBLY WEIGHT WITHOUT TERMINALS AND WITH STANDARD PIN-OUT CONFIGURATION IS 26.09 GRAMS.

6. OPTIONAL WIRESHIELD P/N 8-1419157-8 (SOLD SEPARATELY). PLEASE CONTACT YOUR TYCO ELECTRONICS SALES REPRESENTATIVE FOR AVAILABILITY AND PRICING.

THIS DRAWING IS A CONTROLLED DOCUMENT FOR TYCO ELECTRONICS CORPORATION IT IS SUBJECT TO CHANGE AND THE CONTROLLING ENGINEERING ORGANIZATION SHOULD BE CONTACTED FOR THE LATEST REVISION.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±0.3
2 PLC ±0.10
3 PLC ±-
4 PLC ±-
ANGLES ±3°

MATERIAL: SEE CHART ON SHEET 2
FINISH: - -

DWN M. FORISKA	20APR2002
CHK M. FORISKA	20APR2002
APVD A. VALASEK	20APR2002
PRODUCT SPEC	-
APPLICATION SPEC	-
WEIGHT	SEE NOTE 5

Tyco Electronics
Tyco Electronics
Harrisburg, PA 17105-3608

NAME: 40 WAY ARM
PLUG ASSEMBLY WITH SHORTING BARS
CUSTOMER SPEC.

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-7-1419157-9	-

CUSTOMER DRAWING | SCALE 3:1 | SHEET 1 OF 3 | REV BT

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LOC	DIST
FX	00

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

ASSEMBLY PART NUMBERS

1456897-9	1456897-8	1456897-7	1456897-6	1456897-5	1456897-4	1456897-3	1456897-2	1456897-1	9-1438090-9	9-1438090-8	9-1438090-7	9-1438090-6	2-1438982-2	2-1438982-1	2-1438982-0	9-1438090-5	9-1438090-4	9-1438090-3	ITEM	DESCRIPTION	MATERIAL	FINISH/COLOR
																			7	CAM LEVER	PBT 30% GF	GRAY
																			7	CAM LEVER WITH MODIFIED TAB	PBT 30% GF	GRAY
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6	PERIMETER SEAL	SILICONE	GREEN
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5	GROMMET	SILICONE	BROWN
6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	4	SHORTING BAR	S.S.	SEE COMPONET DRAWING
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	COVER	PA66 35% GF	BLACK
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	TPA FOR SHORTING BAR APPLICATIONS	sPS 30% GF	RED
													1	1	1				1	PLUG WITH KEYING OPTION "H" AND 6 SHORTING BAR POSITIONS CONFIGURATION	PA66 35% GF	BLACK
1	1	1	1	1	1	1	1	1	1	1	1	1				1	1	1	1	PLUG WITH KEYING OPTION "G" AND 6 SHORTING BAR POSITIONS CONFIGURATION	PA66 35% GF	BLACK
QUANTITY																			ITEM	DESCRIPTION	MATERIAL	FINISH/COLOR

ASSEMBLY PART NUMBERS

| 9-1438090-2 | 9-1438090-1 | 9-1438090-0 | 1-1438397-4 | 8-1438090-9 | 8-1438090-8 | 1-1438982-9 | 1-1438982-8 | 1-1438982-7 | 1-1438982-6 | 1-1438982-5 | 1-1438982-4 | 1-1438982-3 | 1-1438982-2 | 1-1438982-1 | 1-1438397-3 | 1-1438397-2 | 8-1438090-7 | 8-1438090-6 | 8-1438090-5 | 8-1438090-4 | 8-1438090-3 | 8-1438090-2 | 8-1438090-1 | 8-1438090-0 | 7-1438090-9 | 7-1438090-8 | 7-1438090-7 | 7-1438090-6 | 7-1438090-5 | 7-1438090-4 | 7-1438090-3 | 7-1438090-2 | 7-1438090-1 | 7-1438090-0 | 6-1438090-9 | 6-1438090-8 | 6-1438090-7 | 6-1438090-6 | 6-1438090-5 | 6-1438090-4 | 6-1438090-3 | 6-1438090-2 | 6-1438090-1 | 6-1438090-0 | 5-1438090-9 | 5-1438090-8 | 5-1438090-7 | 5-1438090-6 | 5-1438090-5 | 5-1438090-4 | 5-1438090-3 | 5-1438090-2 | 5-1438090-1 | 5-1438090-0 | 1-1438397-1 | ITEM | DESCRIPTION | MATERIAL | FINISH/COLOR |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---

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LOC	DIST
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REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

CHART 1

| | | |