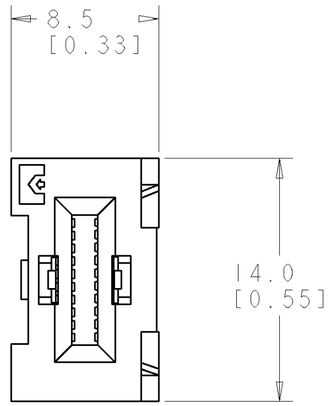
THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION 20
© COPYRIGHT 20 BY TYCO ELECTRONICS CORPORATION. ALL RIGHTS RESERVED.

LOC	DIST
GP	00

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	RELEASED	2FEB07	RG	PD



1. PART NUMBER CHANGES AND OR DESIGN CHANGES AFFECTING ITEM INTERCHANGEABILITY REQUIRE PRIOR TYCO APPROVAL AND AUTHORIZATION BY REVISION TO THIS DRAWING.

2. MATERIAL:
   INSULATORS - THERMOPLASTIC, GLASS REINFORCED, COLOR: BLACK UL94V-0 FLAMMABILITY RATED.
   CONTACTS - COPPER ALLOY,

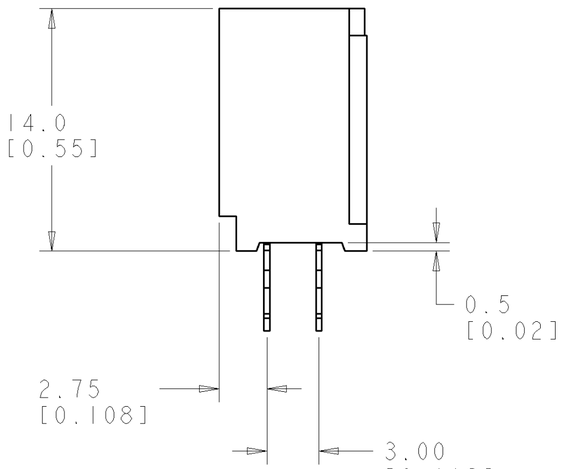
3. FINISH:
   CONTACTS - GOLD PLATE .76µm MIN. THK. OVER NICKEL 1.27µm MIN. THK
   COMPLIANT TAILS, TIN, MATTE FINISH 1.02µm MIN. THK. OVER NICKEL 1.27µm MIN THK.

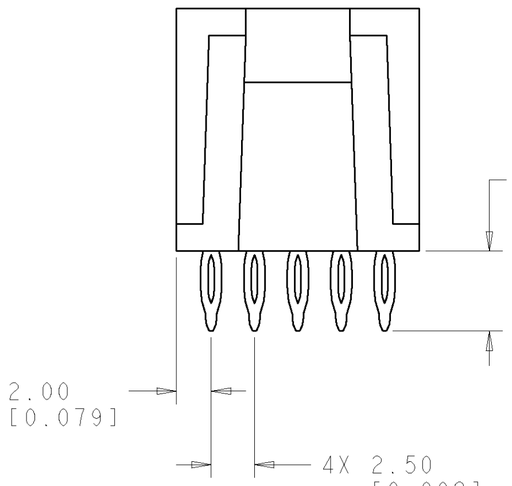
4. CONTACT TYCO FOR RECOMMENDED PRESS TOOL DRAWING, FIX00229,

△5 ITEMS PROVIDED TO THIS SPECIFICATION TO BE PERMANENTLY IDENTIFIED ON THE CONTAINER PER THE FOLLOWING IDENTIFIER LABEL

TYCO PART NO. XXXXXXX-X

DATE CODE (e.g. 0106) XXXX
YEAR — WEEK





AS SHOWN	1766966-1
DESCRIPTION	PART NUMBER

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[INCHES]

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±.5 [.020]
2 PLC ±.25 [.010]
3 PLC ±-
4 PLC ±-
ANGLES ±.5

MATERIAL -
FINISH -

DWN R.GRZYBOWSKI 2FEB07
CHK P.DAMATO 2FEB07
APVD S.FLICKINGER 2FEB07
PRODUCT SPEC -
APPLICATION SPEC -
WEIGHT -

tyco Electronics
Tyco Electronics
Harrisburg, PA 17105-3608

NAME STRAIGHT SOCKET CONNECTOR
FP200 FLATPAQ

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C-1766966	-

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

ELCON | FLATPAQ

AMP 1471-9 REV 31MAR2000

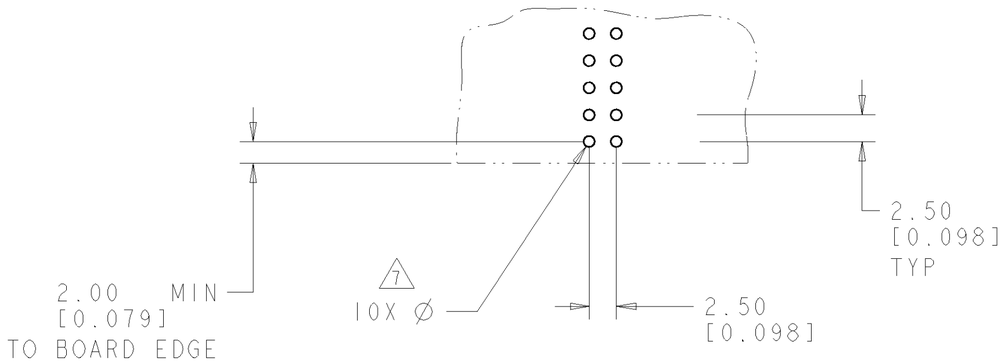
Downloaded from Arrow.com.

THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION 20
© COPYRIGHT 20 BY TYCO ELECTRONICS CORPORATION. ALL RIGHTS RESERVED.

LOC	DIST
GP	00

REVISIONS

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



PRINTED CIRCUIT LAYOUT
COMPONENT SIDE

CONNECTOR	CATALOG MODULE #	QTY	SIZE NO.	CONTACT QTY	MATING PIN	MAX. CURRENT (PER CONTACT)	CONTACT SPACING	VOLTAGE RATING
SOCKET	FP200	1	8	2	1.25 X 7.00 [.049 X .276]	35 amps	7.50 [.2953]	250 VOLTS

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[INCHES]

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±.5 [.020]
2 PLC ±.25 [.010]
3 PLC ±-
4 PLC ±-
ANGLES ±.5

MATERIAL -
FINISH -

DWN R.GRZYBOWSKI 2FEB07
CHK P.DAMATO 2FEB07
APVD S.FLICKINGER 2FEB07
PRODUCT SPEC -
APPLICATION SPEC -
WEIGHT -

tyco Electronics
Tyco Electronics
Harrisburg, PA 17105-3608

NAME STRAIGHT SOCKET CONNECTOR
FP200 FLATPAQ

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C-1766966	-

CUSTOMER DRAWING | SCALE 3:1 | SHEET 2 OF 3 | REV A

ELCON | FLATPAQ

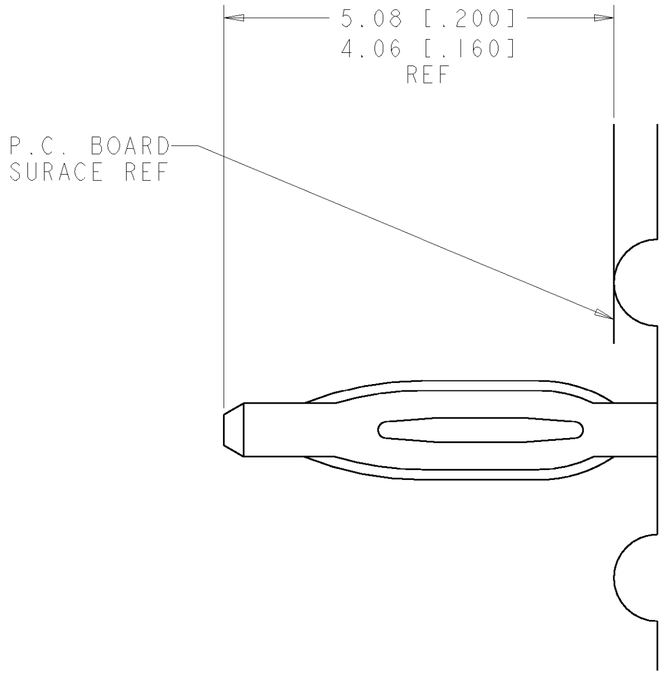
Downloaded from Arrow.com.

THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION 20
© COPYRIGHT 20 BY TYCO ELECTRONICS CORPORATION. ALL RIGHTS RESERVED.

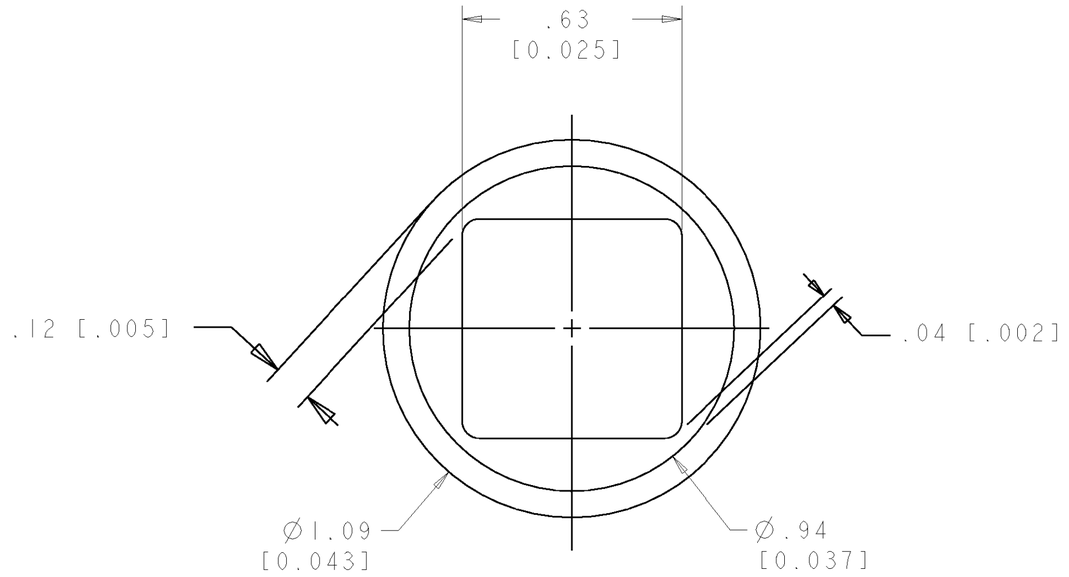
LOC	DIST
GP	00

REVISIONS

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



6. COMPLIANT PIN DETAIL
SCALE 10 : 1
INSERTION/EXTRACTION FORCES
MAXIMUM PUSH IN: 133.3N PER PIN
[30 LBS]
MINIMUM PUSH OU: 44.4N PER PIN
[10 LBS]



7 SOLDER TERMNIATION AREA
SCALE 40:1
RECOMMENDED PRINTED CIRCUIT HOLE
COMPLIANT PRESS FIT
DRILLED HOLE: Ø1.15 [.0453] ±.013 [.0005]
COPPER PLATE: .025 [.0010] TO .050 [.0020]
TIN PLATE: .0005 [.000020] MIN. (PER SURFACE)

ELCON	FLATPAQ

AMP 1471-9 REV 31MAR2000

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

DIMENSIONS: mm[INCHES]

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±.5 [.020]
2 PLC ±.25 [.010]
3 PLC ±-
4 PLC ±-
ANGLES ±.5

MATERIAL -
FINISH -

DWN R.GRZYBOWSKI 2FEB07
CHK P.DAMATO 2FEB07
APVD S.FLICKINGER 2FEB07
PRODUCT SPEC -
APPLICATION SPEC -
WEIGHT -

CUSTOMER DRAWING

tyco Electronics
Tyco Electronics
Harrisburg, PA 17105-3608

NAME
STRAIGHT SOCKET CONNECTOR
FP200 FLATPAQ

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C-1766966	-

SCALE	SHEET	REV
3:1	3 OF 3	A

Downloaded from Arrow.com.