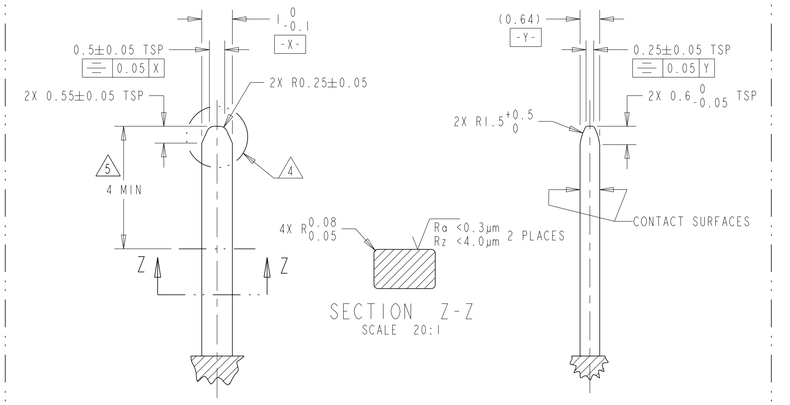
LOC	DIST
FX	00

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	INITIAL RELEASE	06DEC2012	AW	CM

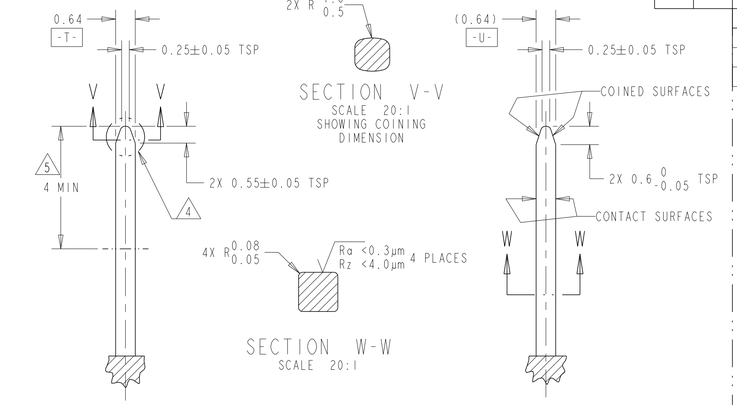
NOTE(S):

1. MATERIAL: Cu ALLOY
   WITH TENSILE STRENGTH > 600 N/mm²
   ELECTRICAL CONDUCTANCE > 30 Sm/mm²
   (>50% IACS)
2. BASE PLATING: 2-3.5µm Ni
   ALL OVER
   TIN PLATING: 2.5-4µm Sn
   GOLD PLATING: >0.8µm Au
3. CONTACT MUST BE FREE OF BURRS AND SHARP EDGES.
4. ALL EDGES RADIUSED WITH R0.1-R0.2 IN THIS AREA.
5. TIN AND GOLD PLATING AREA.
6. PIN ROTATION ±5° MAXIMUM.



SECTION Z-Z
SCALE 20:1

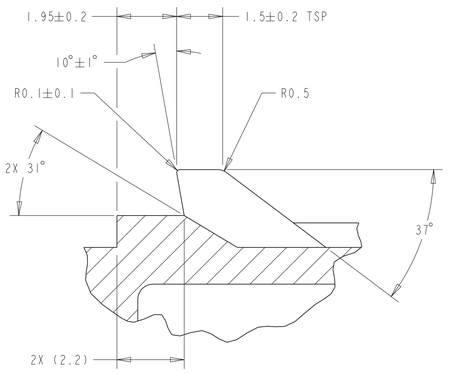
1.0 X 0.64 PIN CONTACT
SCALE: 10:1



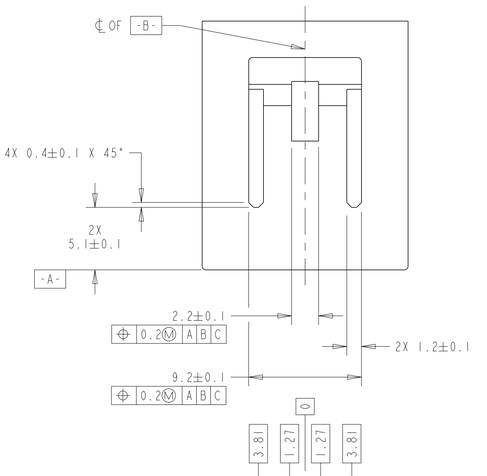
SECTION V-V
SCALE 20:1
SHOWING COINING DIMENSION

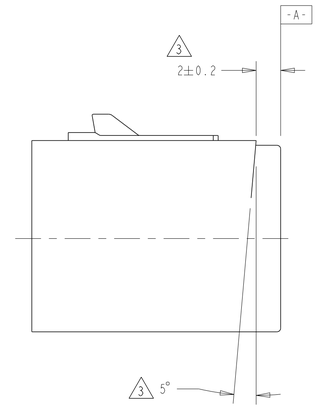
SECTION W-W
SCALE 20:1

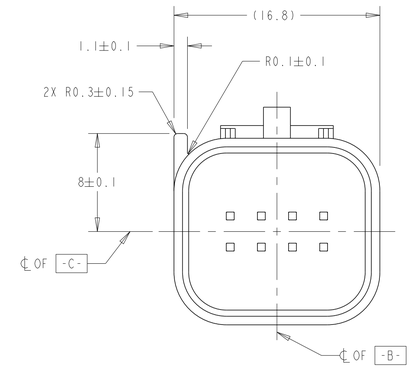
0.64 X 0.64 PIN CONTACT
SCALE: 8:1



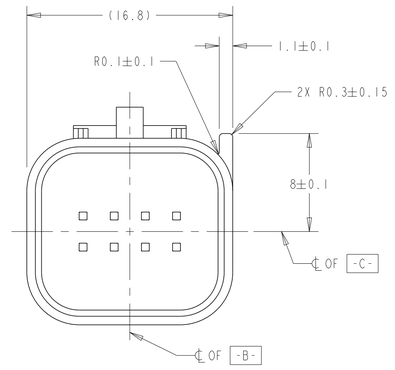
DETAIL C
SCALE 10:1



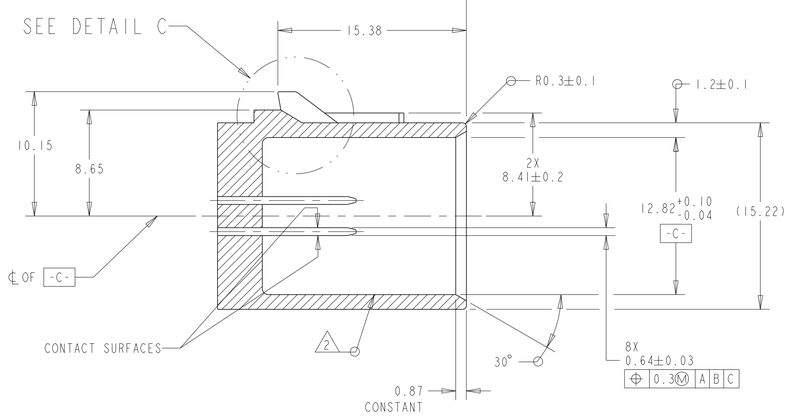




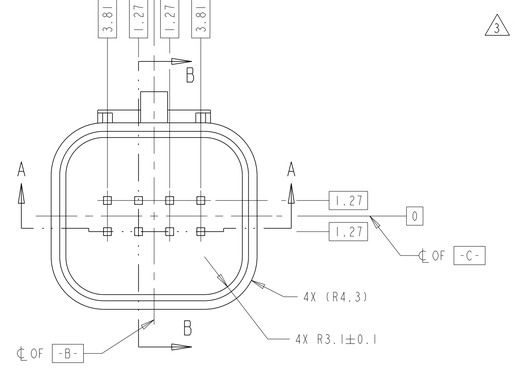
KEYING OPTION "A"

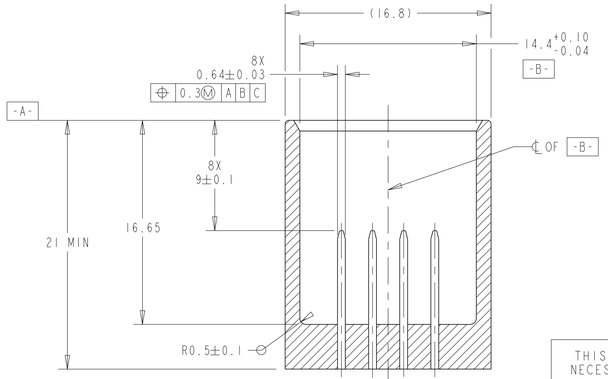


KEYING OPTION "B"

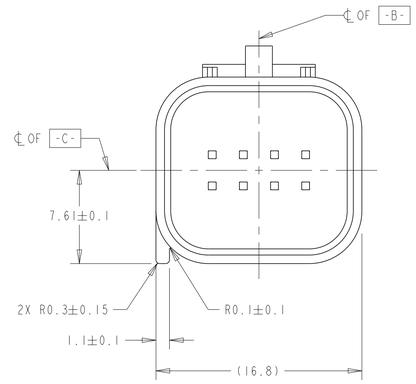


SECTION B-B

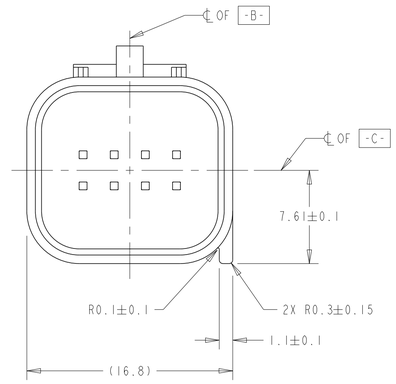




SECTION A-A



KEYING OPTION "C"



KEYING OPTION "D"

NO KEYING OPTION SHOWN

NOTE(S):

1. DRAFT WITHIN TOLERANCE.
2. SEALING SURFACE, NO WITNESS LINES OR DAMAGE PERMITTED.
3. THIS DIMENSION APPLIES TO ALL KEYING OPTIONS.

THIS DRAWING DEFINES THE DIMENSIONAL INTERFACE REQUIREMENTS NECESSARY FOR DEVELOPING AN INSERT MOLDED CONNECTION TO MATE WITH PLUG CONNECTORS PROVIDED BY TE CONNECTIVITY. MATES WITH TE PART NUMBER: 1411001.

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

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

MATERIAL -
FINISH -

DWN	A. WEBSTER 06DEC2012
CHK	C. MARTIN 06DEC2012
APVD	C. MARTIN 06DEC2012
PRODUCT SPEC	-
APPLICATION SPEC	-
WEIGHT	-

TE Connectivity

NAME: INTERFACE DRAWING 2 X 4 SEALED VIBRATION ROBUSTNESS

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-2203519	-

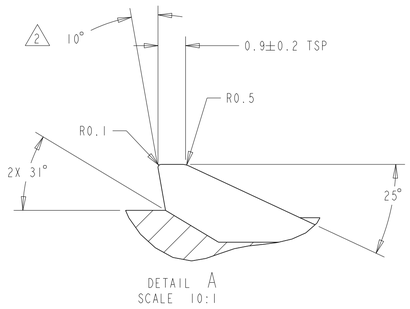
Customer Drawing | SCALE 4:1 | SHEET 1 OF 2 | REV A

4805 (3/11)
Pro/ENGINEER DRAWING

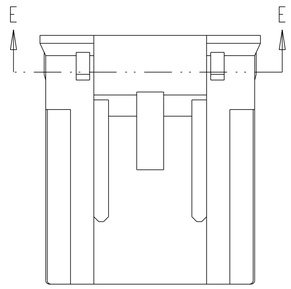
LOC	DIST
FX	00

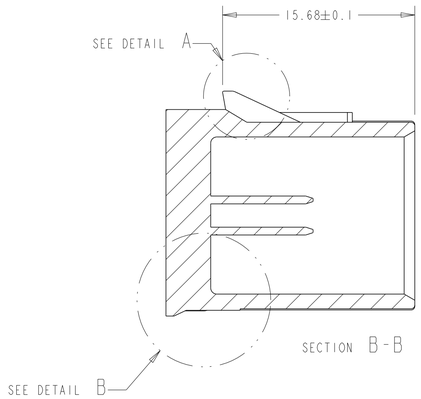
REVISIONS

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

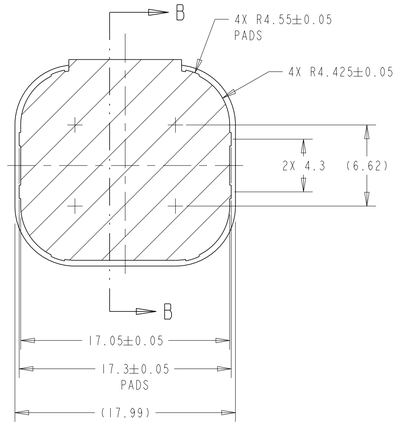


DETAIL A
SCALE 10:1

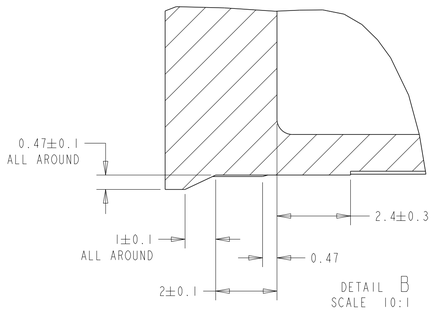




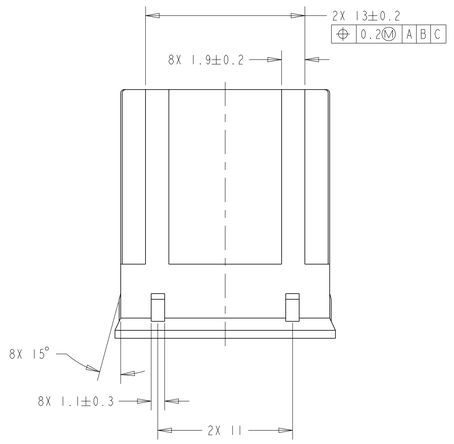
SECTION B-B



SECTION E-E



DETAIL B
SCALE 10:1

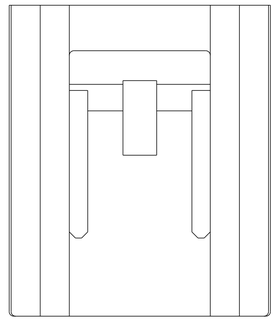


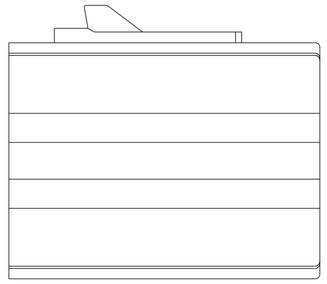
NOTE(S). UNLESS OTHERWISE SPECIFIED

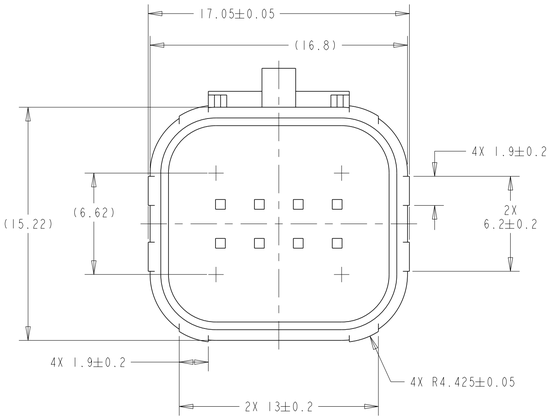
1. SEE APPLICABLE HEADER INTERFACE FOR ALL OTHER DIMENSIONS AND DETAILS.

2 THIS BACK ANGLE IS REQUIRED TO MEET THE CONNECTOR RETENTION FORCE SPECIFICATION WIRH ALL ASSEMBLIES ON TE DRAWING NO. 1-1419168-1.

IMPROVED DESIGN FEATURES FOR VIBRATION ROBUSTNESS ENHANCEMENT







DESIGN FEATURES FOR VIBRATION ROBUSTNESS ENHANCEMENT

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

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

MATERIAL - -
FINISH - -

DWN A. WEBSTER 06DEC2012
CHK C. MARTIN 06DEC2012
APVD C. MARTIN 06DEC2012
PRODUCT SPEC -
APPLICATION SPEC -
WEIGHT -

TE Connectivity

NAME INTERFACE DRAWING 2 X 4 SEALED VIBRATION ROBUSTNESS

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-2203519	-

Customer Drawing | SCALE 4:1 | SHEET 2 OF 2 | REV A

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Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

TE Connectivity:

1411001-4