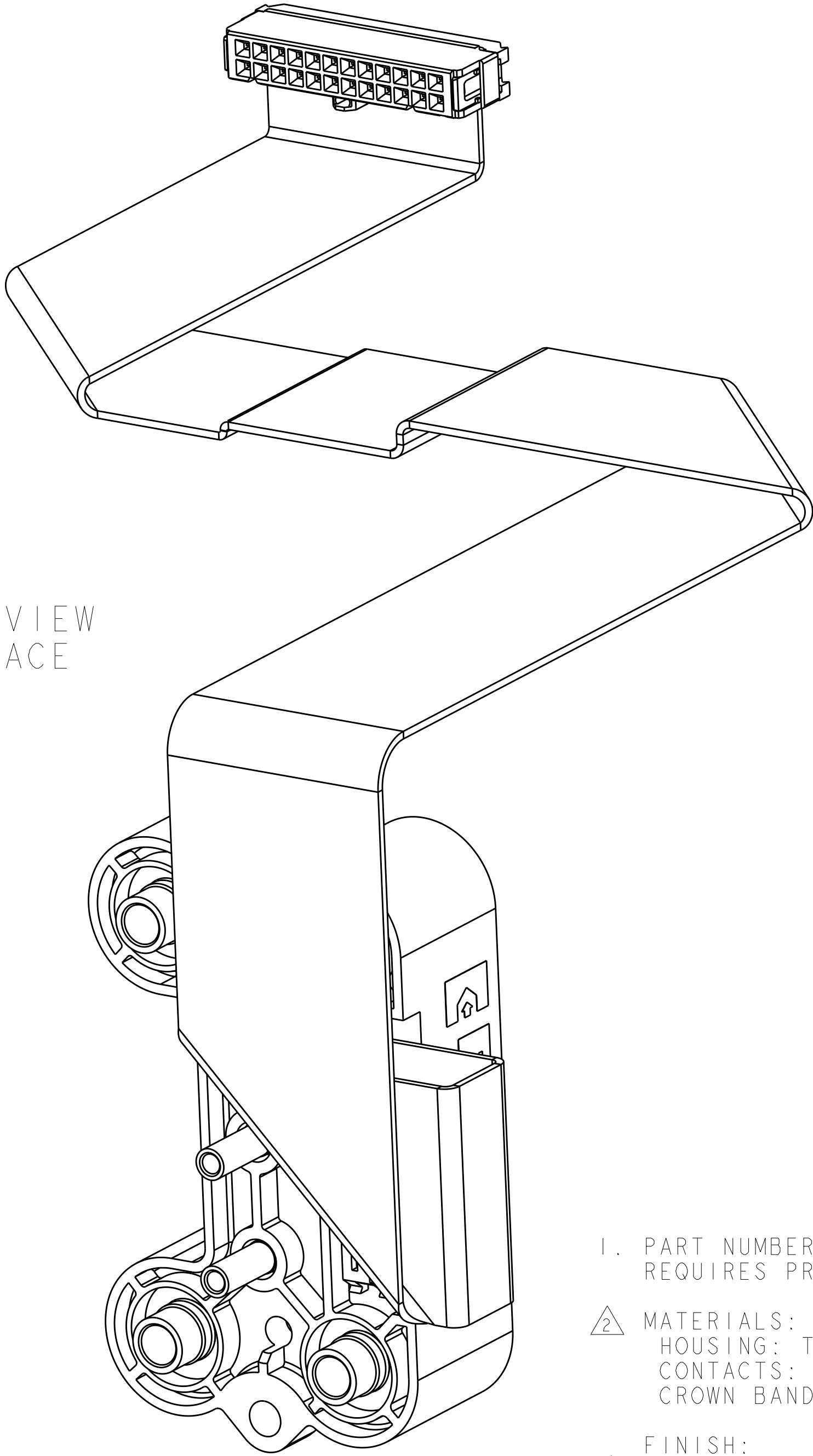


LOC		DIST		REVISIONS				
P	LTR	DESCRIPTION			DATE	DWN	APVD	
	A	INITIAL RELEASE			06APR2017	OL	SZ	

AMP - LATCH
NOVO CONNECTOR
1658622-5

ISOMETRIC VIEW
MOUNTING FACE
SCALE 2:1



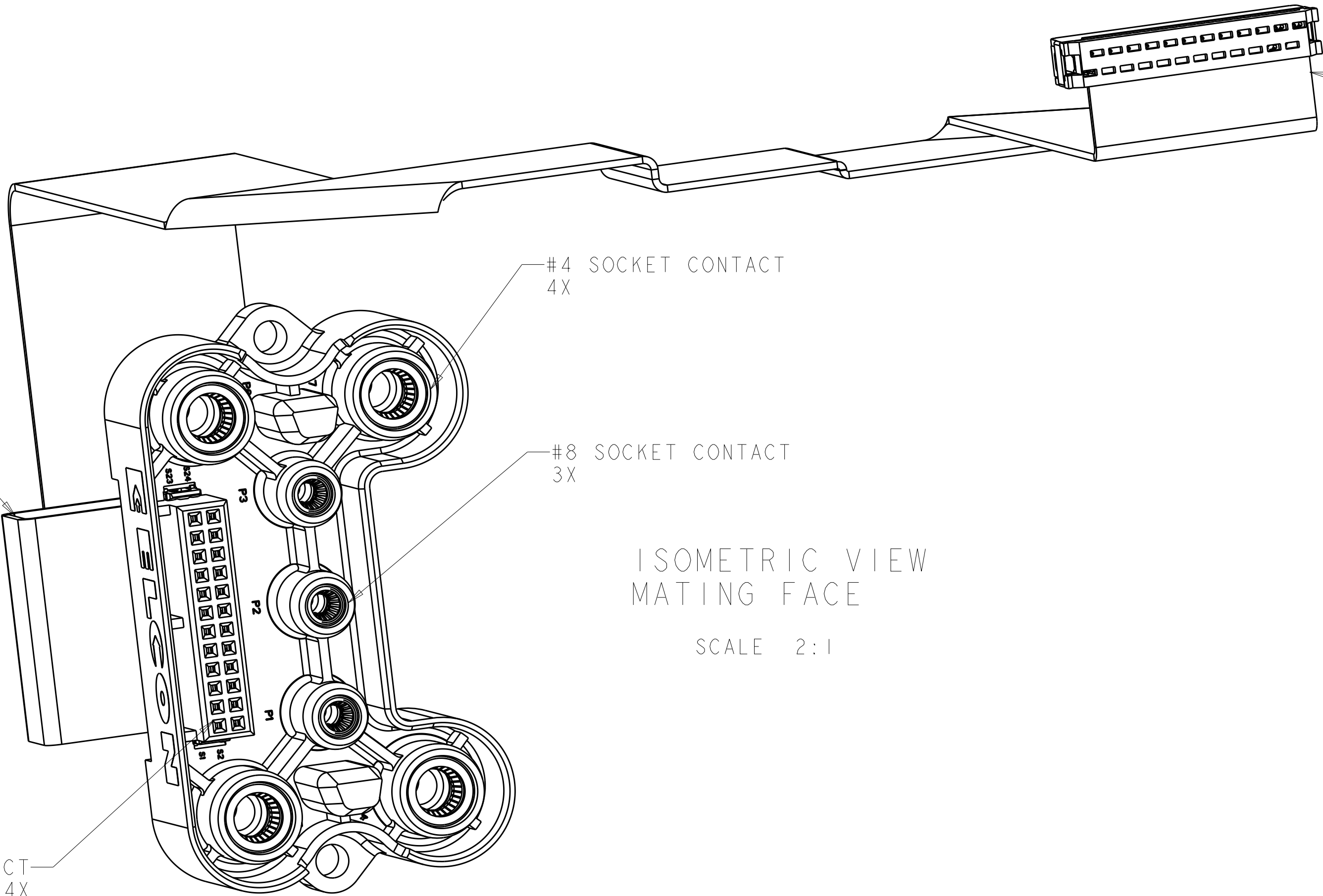
RIBBON CABLE
CUT TO LGTH.
& FORMED

#4 SOCKET CONTACT
4X

#8 SOCKET CONTACT
3X

△ 8 SIGNAL CONTACT
24X

ISOMETRIC VIEW
MATING FACE
SCALE 2:1



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

△ 2 MATERIALS:
HOUSING: THERMOPLASTIC, GLASS RENIFORCED, UL RATED 94V-0, COLOR-BLACK
CONTACTS: COPPER ALLOY
CROWN BANDS: BERYLLUM COPPER

△ 3 FINISH:
POWER CONTACT: SILVER 5.08µm [0.000200] MIN THICK PER QQ-S-365, OVER
NICKEL 1.27µm [0.000050] MIN THICK PER AMS-2404

SIGNAL CONTACT: GOLD 0.76µm [0.000030] MIN THICK PER MIL-G-45204 IN CONTACT AREA,
MATTE TIN 3.05µm [0.000120] MIN THICK PER ASTM B545 IN TERMINATION AREA,
OVER NICKEL 1.27µm [0.000050] MIN THICK PER QQ-N-290 ALL OVER

CROWN BAND: GOLD 0.76µm [0.000030] MIN THICK PER MIL-G-45204, OVER
NICKEL 1.27µm [0.000050] MIN THICK PER QQ-N-290

4. OUTLINE SPECIFICATION
-CONNECTOR ASSEMBLY GATHERABILITY:2.00[.079] NOMIMAL
-SIGNAL CONTACT WIPE: 4.52[.178], 5.54[.218], & 6.53[.257] RESPECTIVELY
-#8 POWER CONTACT WIPE: 3.96[.156], & 5.18[.204]
-#8 CONTACT CSA CURRENT RATING: 55A/250V @ 30°C RISE
-#4 POWER CONTACT WIPE: 3.00[.118], &4.14[.163]
-#4 CONTACT CSA CURRENT RATING: 100A/250V @ 30°C RISE
-MATING FORCE: 46.43 lbf MAXIMUM
-EXTRACTION FORCE: 30.5 lbf MAXIMUM
-POLARIZED HOUSING

5. ITEMS PROVIDED TO THIS DRAWING TO BE PERMANENTLY IDENTIFIED WITH PART NUMBER, DATE CODE,
AND COUNTRY OF ORIGIN.

6. SEE CUSTOMER DRAWING 1926125 OR 1926797 FOR MATING PIN CONNECTOR.

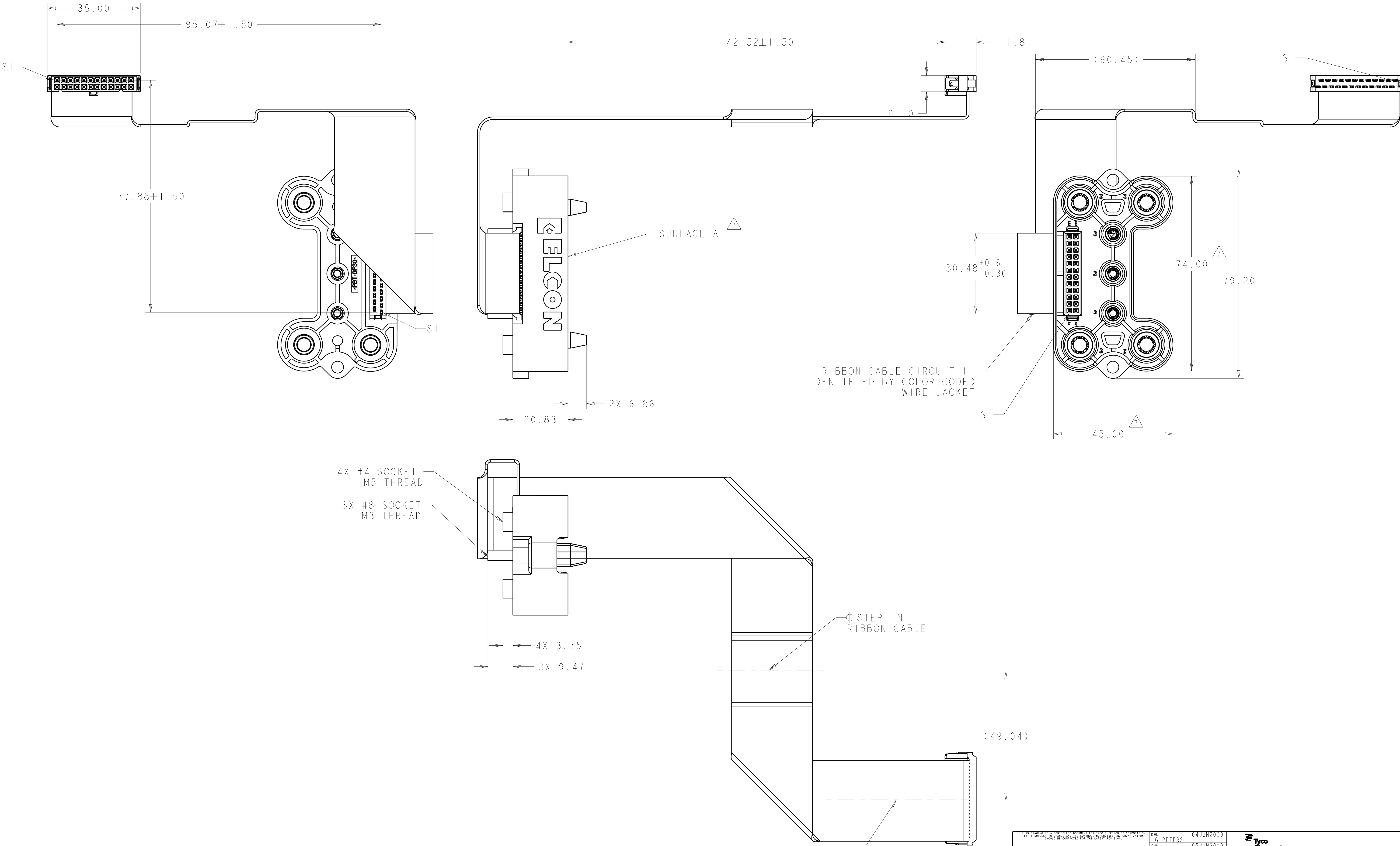
△ 7 DIMENSIONS TO BE MEASURED AT SURFACE A.

△ 8 SIGNAL CONTACTS FLOAT IN CONTACT CAVITIES AND ARE PERMITTED TO BE
ASYMMETRIC IN THE HOUSING OPENINGS

AS SHOWN	2085253-1
DESCRIPTION	PART NUMBER

1926797 IS A CONTROLLED DOCUMENT FOR TYCO ELECTRONICS CORPORATION IT IS SUBJECT TO CHANGE WITHOUT NOTICE AND THE ISSUING ORGANIZATION SHOULD BE CONTACTED FOR THE LATEST REVISION.		DWN G. PETERS	04JUN2009	Tyco Electronics Tyco Electronics Harrisburg, PA 17105-3608
		CHK G. R. DEEIBAUGH	05JUN2009	
DIMENSIONS:		APVD G. R. DEEIBAUGH	11JAN2010	NAME
mm	TOLERANCES, UNLESS OTHERWISE SPECIFIED:	PRODUCT SPEC		ASSEMBLY, SOCKET CONNECTOR, CUSTOM DRAWER, P7/S24, BOXSTER
	0. PLC 1. PLC 2. PLC 3. PLC 4. PLC	APPLICATION SPEC		
MATERIAL	ANGLES FINISH	WEIGHT		RESTRICTED TO
		CUSTOMER DRAWING		SIZE A 00779 C=2085253
		SCALE		1:1
		SHEET		1 OF 3
		REV		A

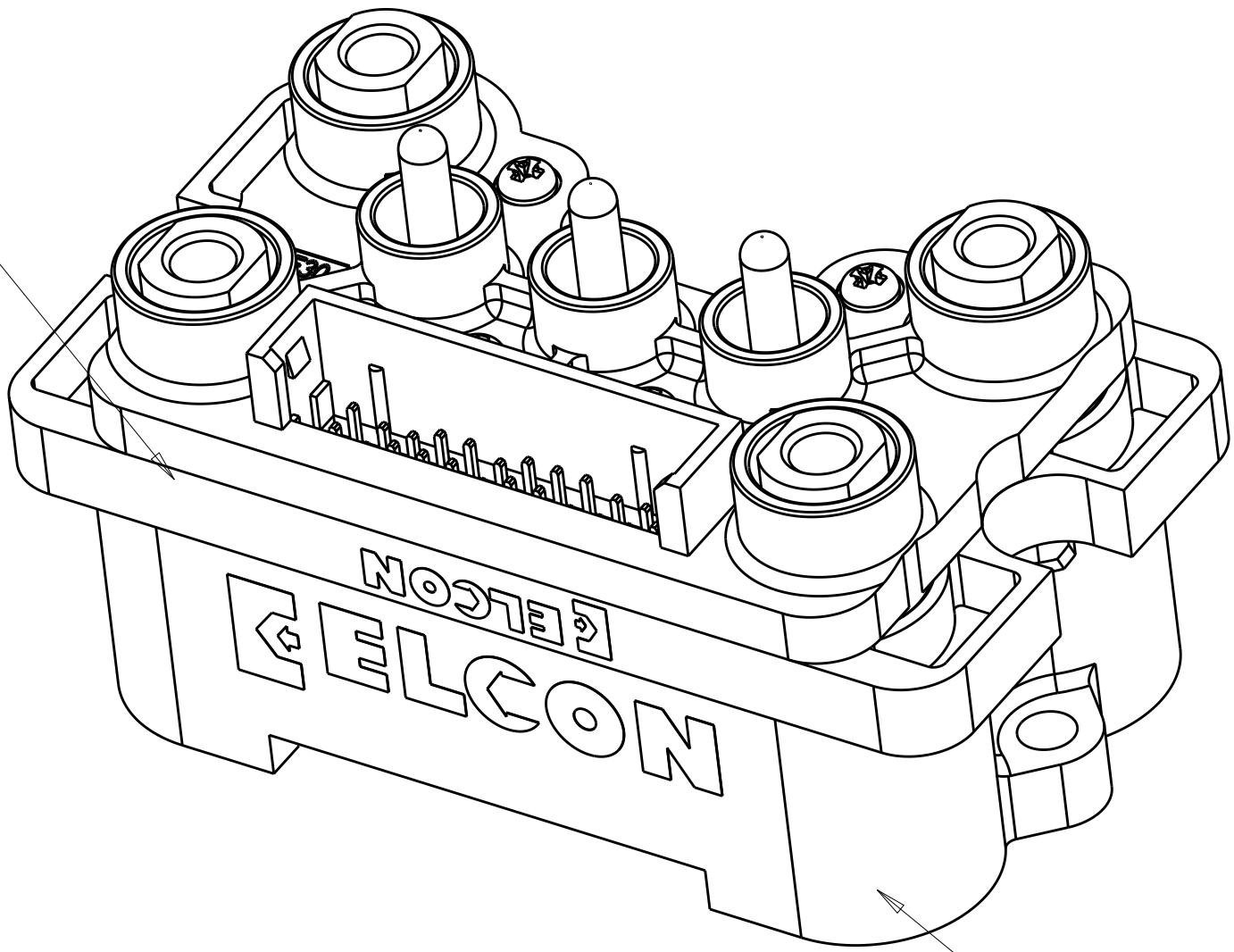
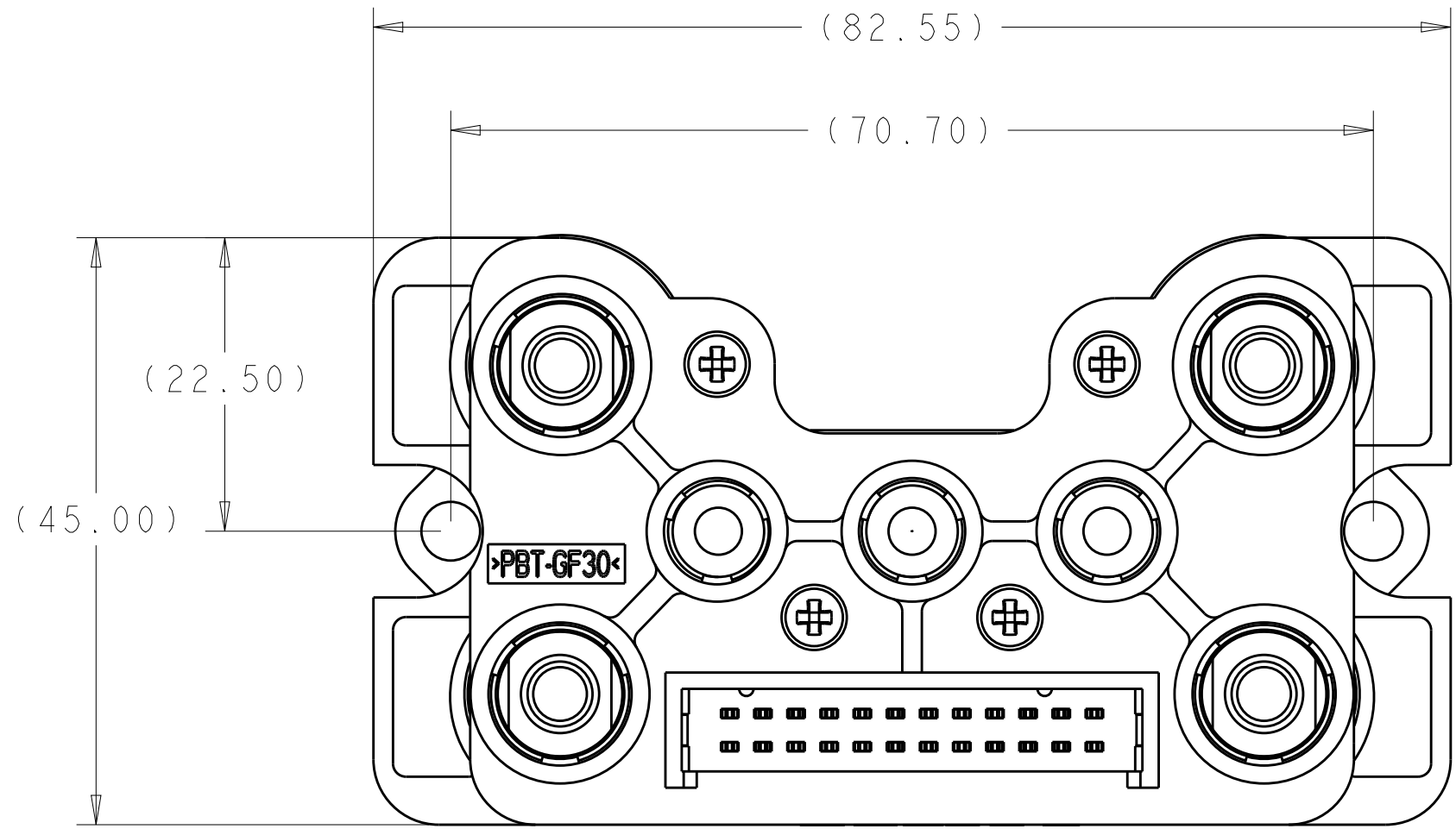
LOC		DIST		REVISIONS			
P	LTR	DESCRIPTION		DATE	DWN	APVD	
-	-	SEE SHEET 1		-	-	-	



1. 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.		DWN G. PETERS	04JUN2009		
DIMENSIONS: mm		CHK G. R. DEEIBAUGH	05JUN2009		
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ± 2 PLC ±0.50 3 PLC ± 4 PLC ± ANGLES ± FINISH #3		APVD G. R. DEEIBAUGH	11JAN2010	NAME ASSEMBLY, SOCKET CONNECTOR, CUSTOM DRAWER, P7/S24, BOXSTER	
MATERIAL		PRODUCT SPEC		APPLICATION SPEC	
		WEIGHT		RESTRICTED TO	
		CUSTOMER DRAWING		A 00779 C=2085253	
		SCALE 1:1		SHEET 2 OF 3	
				REV A	

LOC	DIST	REVISIONS				
		P	LTR	DESCRIPTION	DATE	OWN
		-		SEE SHEET 1	-	-

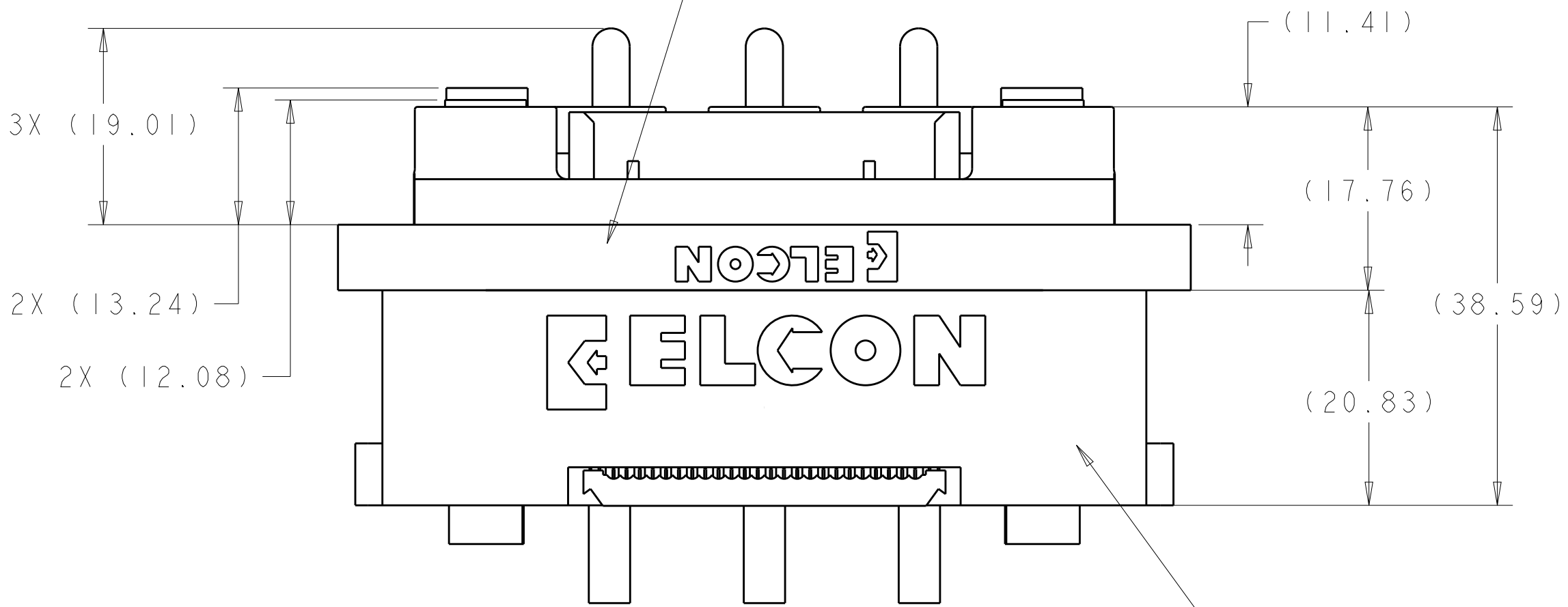
PIN CONNECTOR
ASSEMBLY 1926125
OR 1926797



SOCKET CONNECTOR
ASSEMBLY 2085253

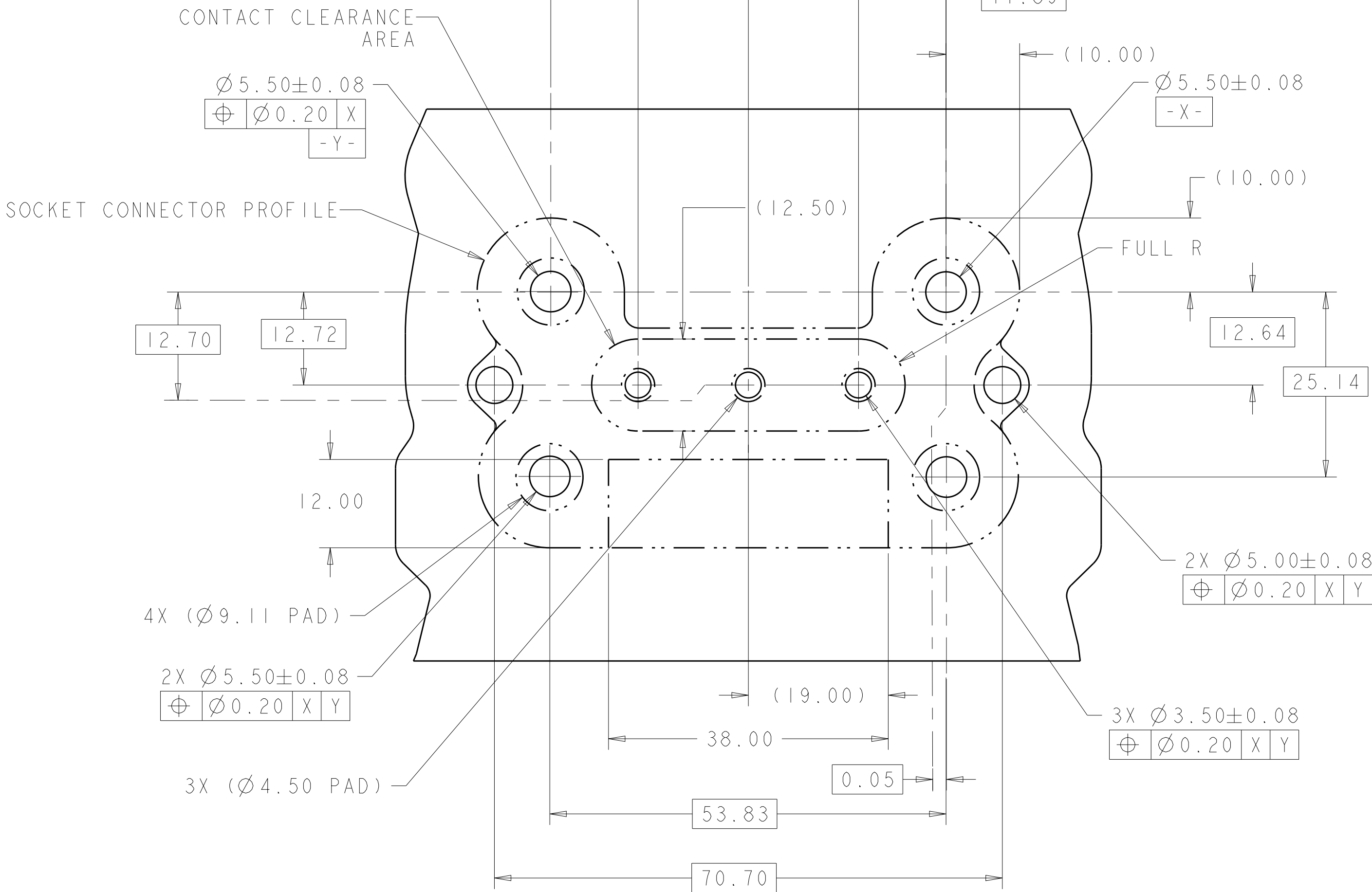
ISOMETRIC VIEW
PIN AND SOCKET CONNECTOR
MATED ASSEMBLY
(RIBBON CABLE REMOVED)

PIN CONNECTOR
ASSEMBLY 1926125
OR 1926797



SOCKET CONNECTOR
ASSEMBLY 2085253

PIN AND SOCKET CONNECTOR
MATED ASSEMBLY
(RIBBON CABLE REMOVED)



SCALE 2:1
RECOMMENDED BUS BAR LAYOUT
(CONNECTOR SIDE)

1. THIS DRAWING IS A CONTROLLED DOCUMENT FOR TYCO ELECTRONICS CORPORATION. IT IS SUBJECT TO CHANGE WITHOUT NOTICE AND THE USER SHALL BE CONTACTED FOR THE LATEST EDITION.		OWN G. PETERS 04JUN2009	NAME ASSEMBLY, SOCKET CONNECTOR, CUSTOM DRAWER, P7/S24, BOXSTER	RESTRICTED TO -
DIMENSIONS: mm		CHK G. R. DEEBAUGH 05JUN2009		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD G. R. DEEBAUGH 1JAN2010	SIZE A	CAGE CODE 2085253
0 PLC ± 1 PLC ± 2 PLC ±0.50 3 PLC ± 4 PLC ± ANGLES ± FINISH #3		PRODUCT SPEC APPLICATION SPEC WEIGHT CUSTOMER DRAWING		
MATERIAL		SCALE 1:1	SHEET 3	REV A