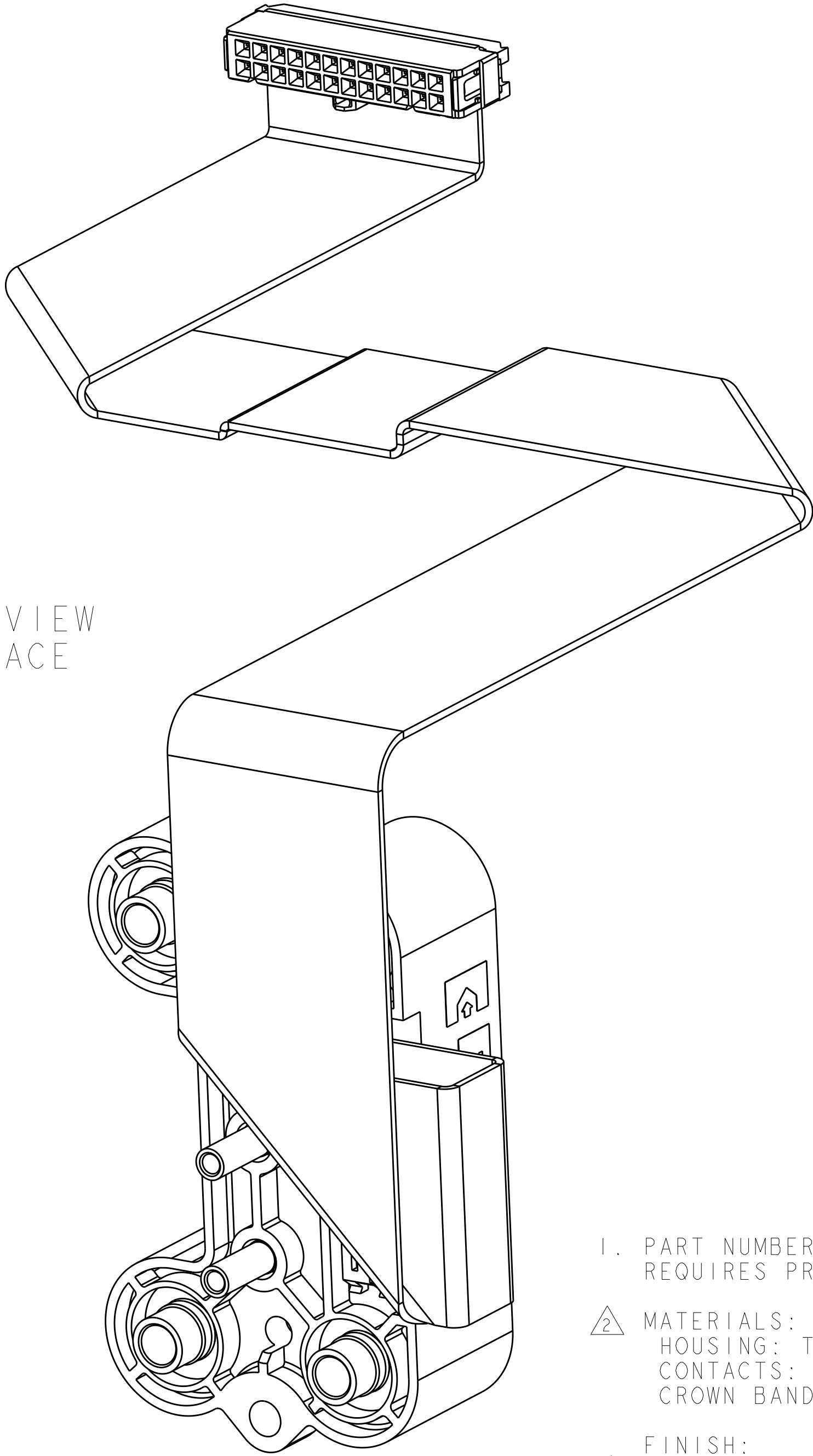


LOC		DIST		REVISIONS				
P	LTR	DESCRIPTION			DATE	DWN	APVD	
	A	INITIAL RELEASE			06APR2017	OL	SZ	

AMP - LATCH
NOVO CONNECTOR
1658622-5

ISOMETRIC VIEW
MOUNTING FACE
SCALE 2:1



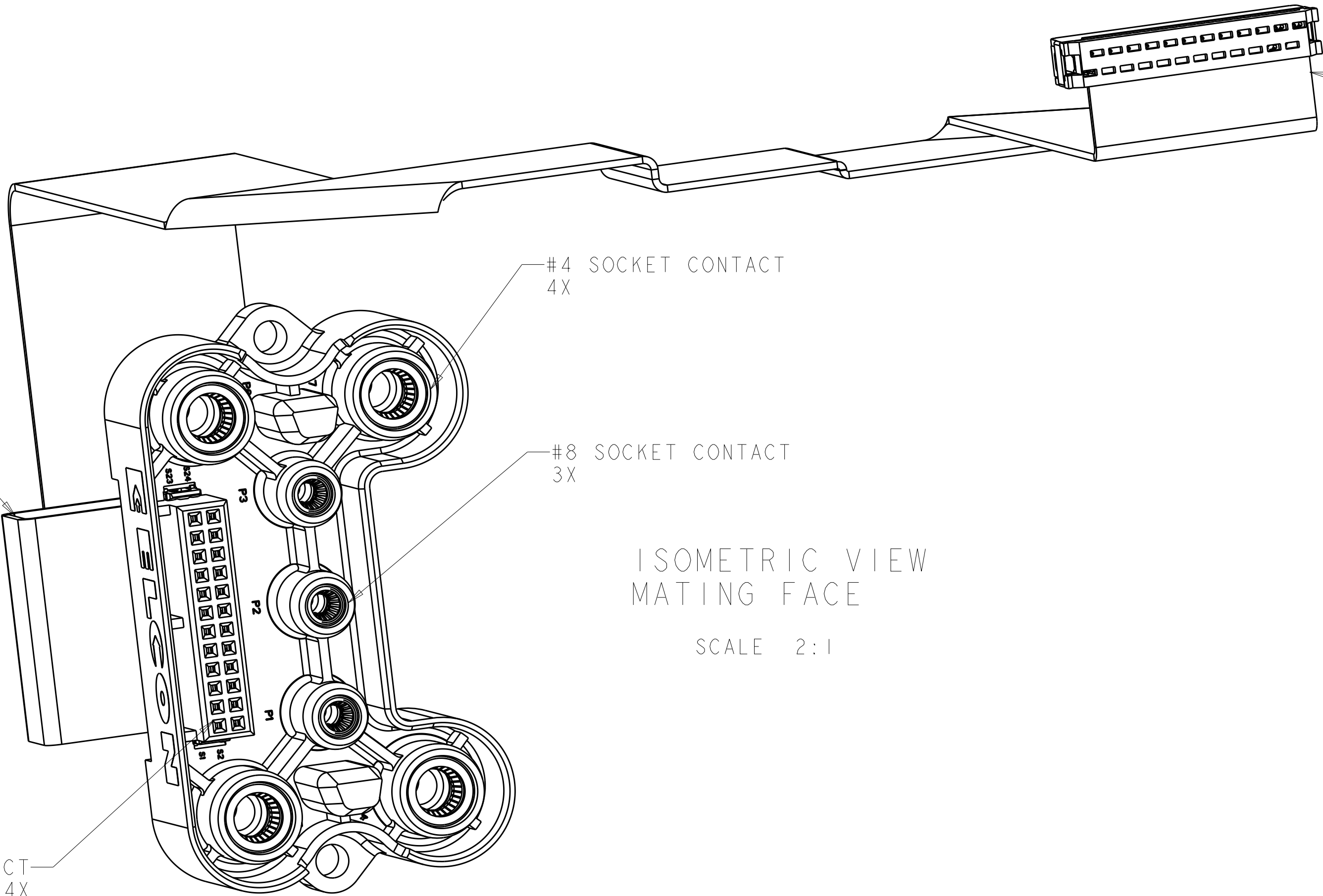
RIBBON CABLE
CUT TO LGTH.
& FORMED

#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.

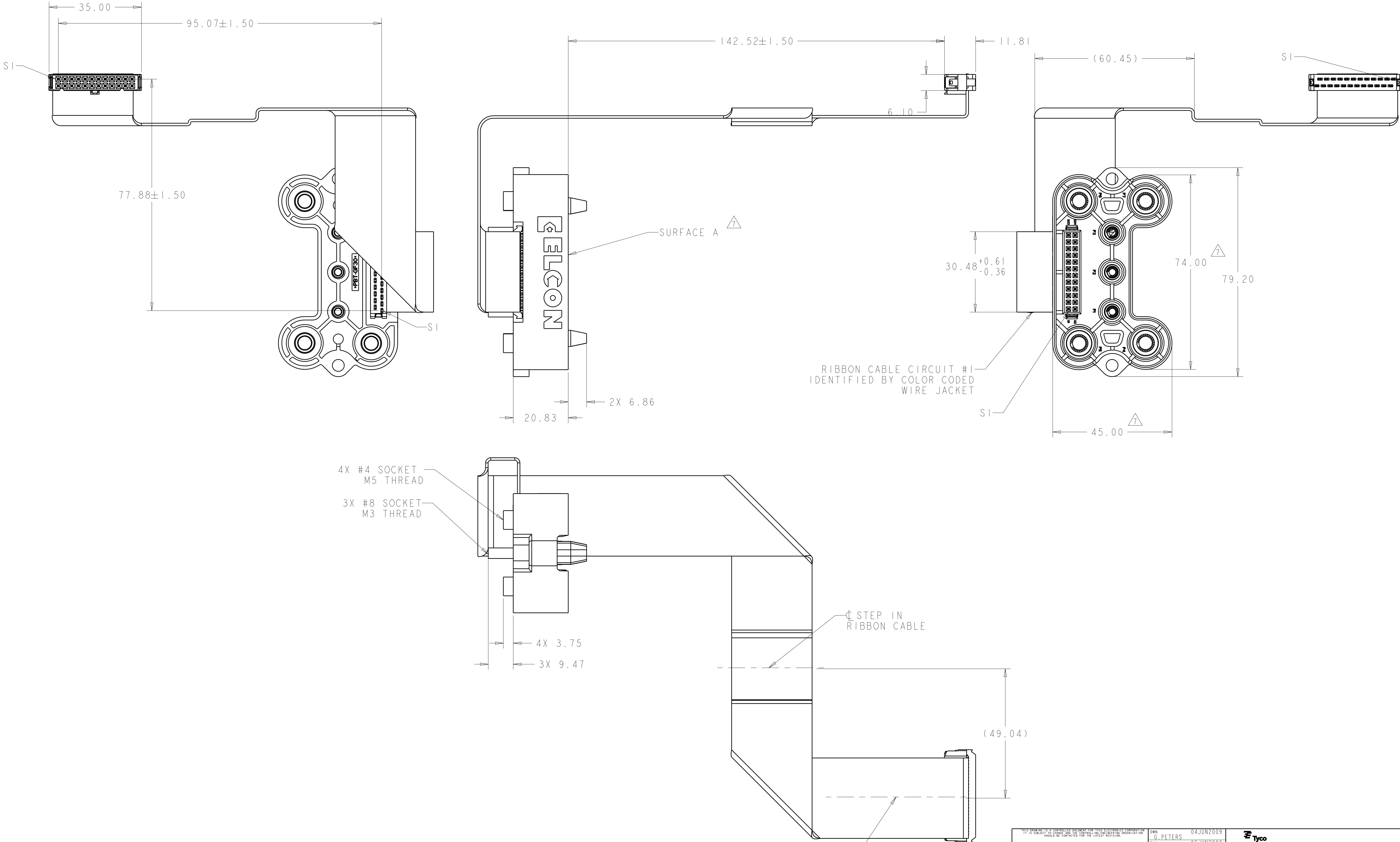
△ 7 DIMENSIONS TO BE MEASURED AT SURFACE A.

△ 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 Harrisburg, PA 17105-3608	
DIMENSIONS: mm		CHK G.R.DEEBRAUGH 05JUN2009	NAME	
		APVD G.R.DEEBRAUGH 11JAN2010	ASSEMBLY, SOCKET CONNECTOR, CUSTOM DRAWER, P7/S24, BOXSTER	
		PRODUCT SPEC		
		APPLICATION SPEC	SIZE A1100779C=2085253	
		FINISH		
MATERIAL △ 2		WEIGHT -	RESTRICTED TO -	
CUSTOMER DRAWING		SCALE 1:1	SHEET 1	REV A

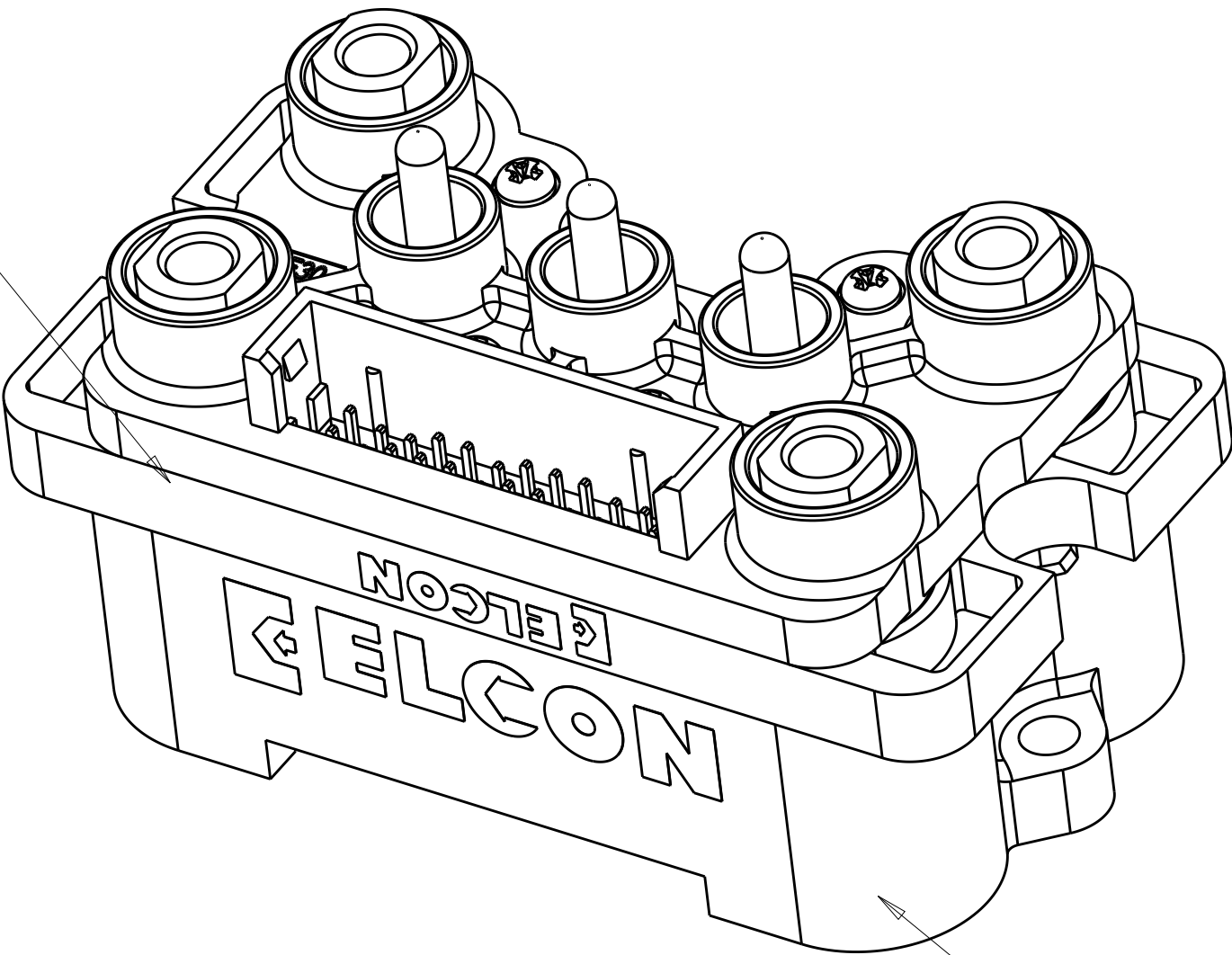
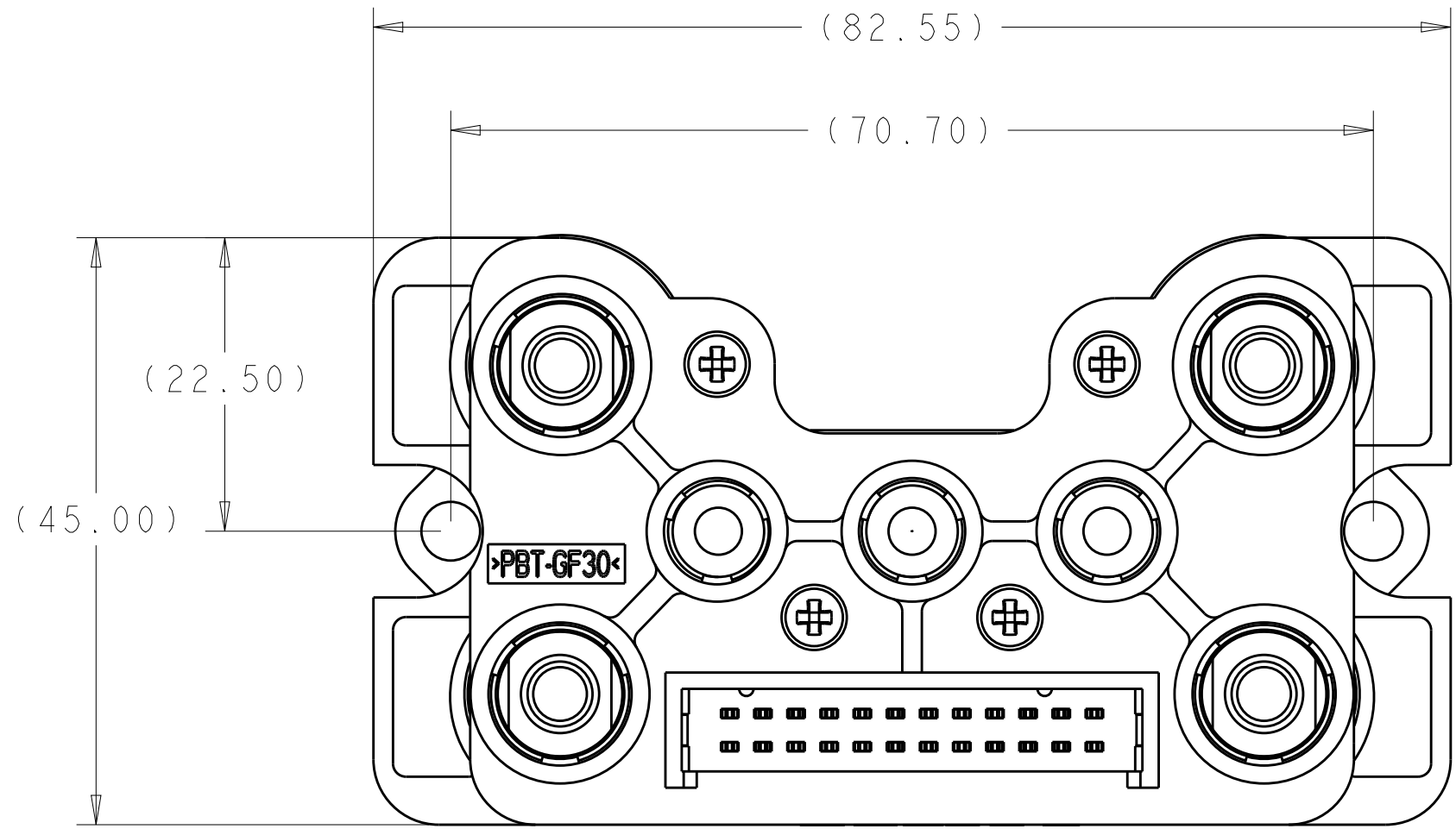
LOC	DIST	REVISIONS				
		P	LTR	DESCRIPTION	DATE	DWN
		-		SEE SHEET 1	-	-



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

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

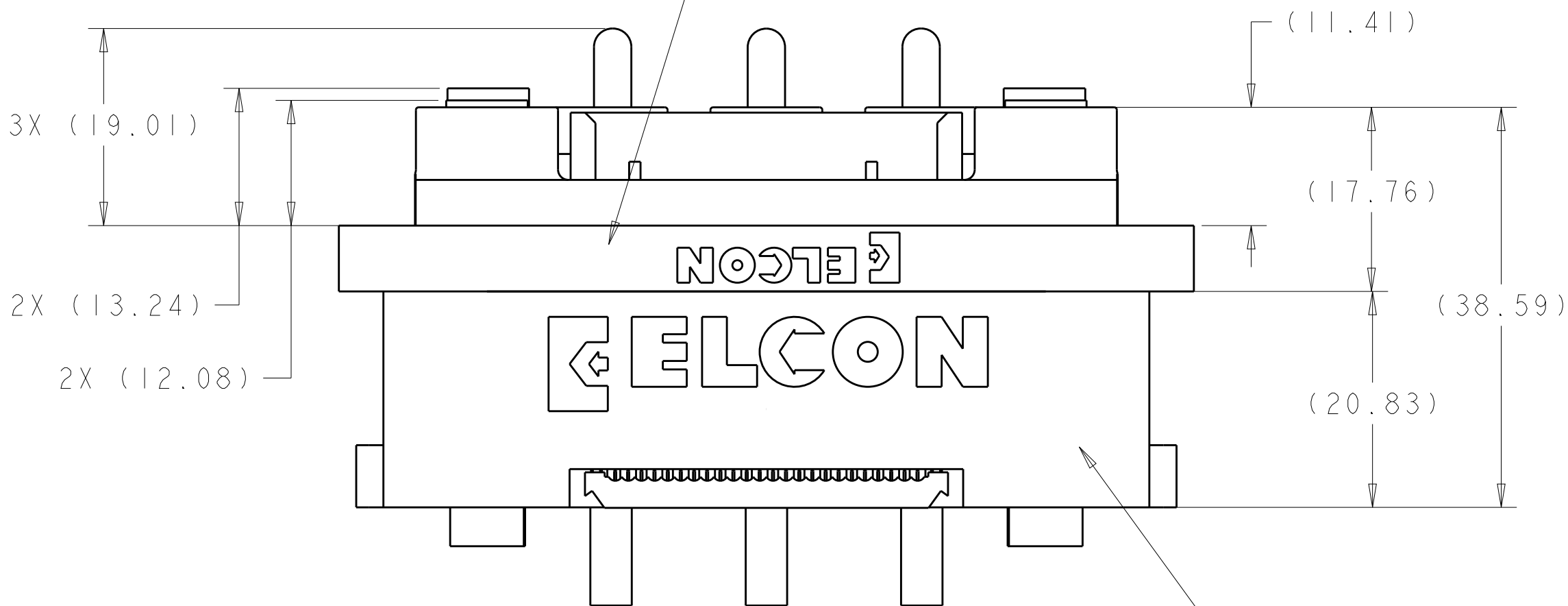
PIN CONNECTOR
ASSEMBLY 1926125
OR 1926797



SOCKET CONNECTOR
ASSEMBLY 2085253

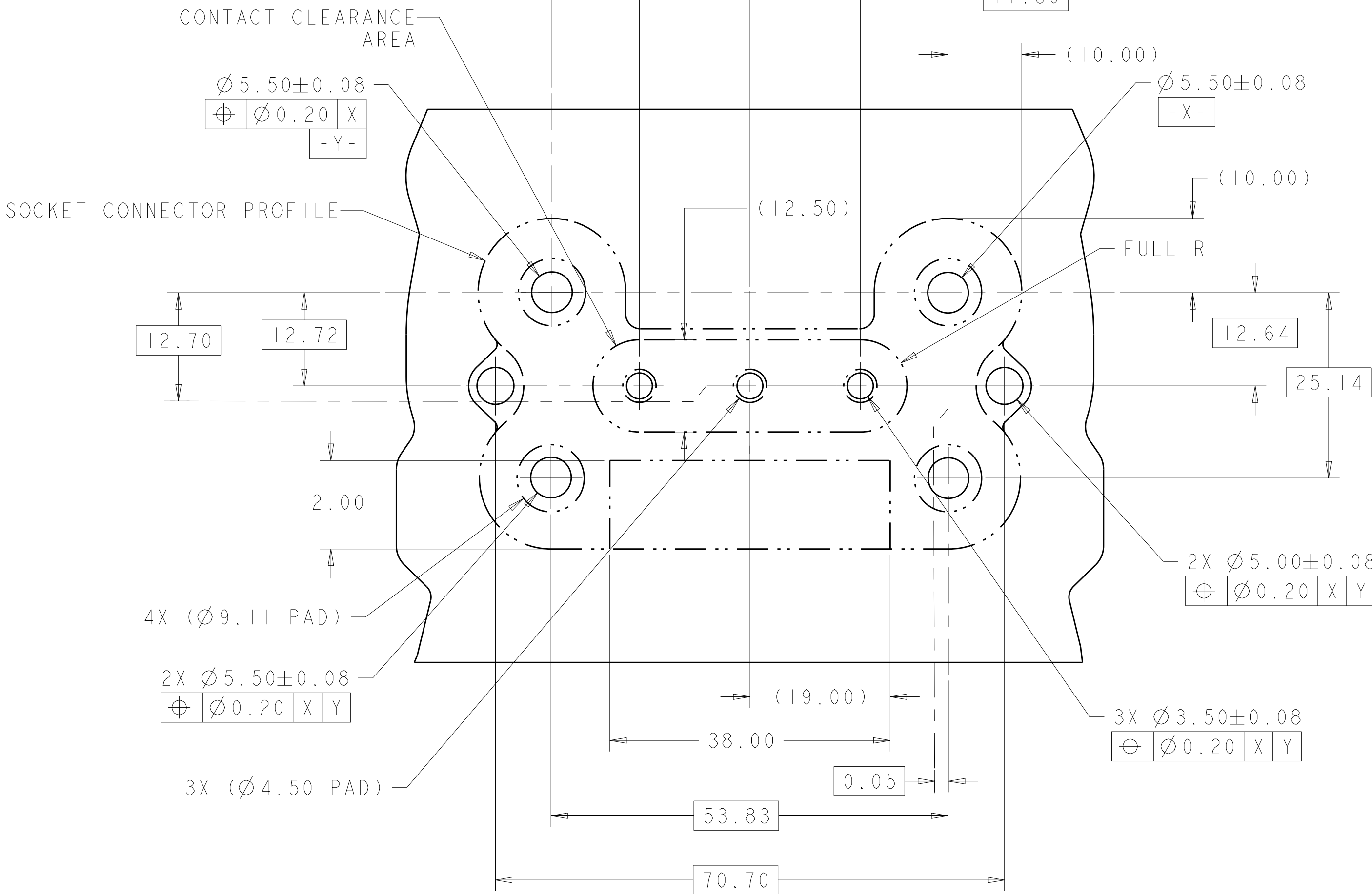
ISOMETRIC VIEW
PIN AND SOCKET CONNECTOR
MATED ASSEMBLY
(RIBBON CABLE REMOVED)

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 WITHOUT NOTICE TO THE USER. IT IS THE USER'S RESPONSIBILITY TO CONTACT TYCO ELECTRONICS CORPORATION FOR THE LATEST REVISION.		OWN G. PETERS 04JUN2009			NAME ASSEMBLY, SOCKET CONNECTOR, CUSTOM DRAWER, P7/S24, BOXSTER	SIZE A	CAGE CODE 00779	DRAWING NO. 2085253	RESTRICTED TO -
DIMENSIONS: mm		CHK G. R. DEEBAUGH 05JUN2009							
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD G. R. DEEBAUGH 1JAN2010							
		PRODUCT SPEC APPLICATION SPEC WEIGHT CUSTOMER DRAWING							
MATERIAL		SCALE 1:1							

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[TE Connectivity:](#)

[2085253-1](#)