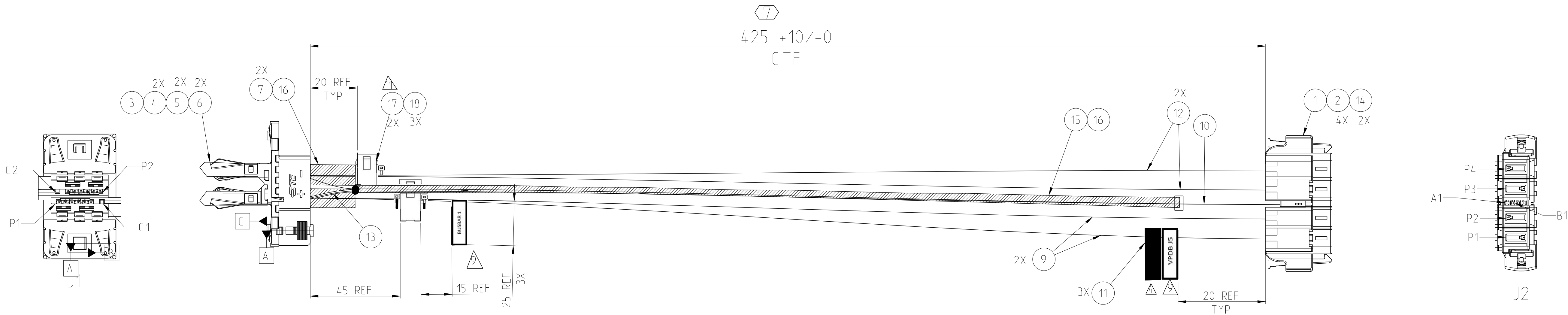


FOR 2411937-1 AND 2411937-4



PART NUMBER LIST

Item	Name	TE P/N	FBPN	
1	CAB AY FOT HI PWR BR-PB 52V 425 2A TYC WITH FERRITE	2411937-1	07-003330	
2	CAB AY FOT HI PWR BR-PB 52V 255 2A TYC WITH FERRITE	2411937-2	07-003332	
3	CAB AY FOT HI PWR BR-PB 52V 170 2A TYC WITH FERRITE	2411937-3	07-003333	
4	CAB AY FOT HI POWER BR-PB 52V 425 2A TYC - NO FERRITE	2411937-4	07-003329	PRELIMINARY
5	CAB AY FOT HI POWER BR-PB 52V 255 2A TYC - NO FERRITE	2411937-5	07-003331	PRELIMINARY
6	CAB AY FOT HI POWER BR-PB 52V 170 2A TYC - NO FERRITE	2411937-6	07-003334	PRELIMINARY

OBSOLETE
2411937 replaced by 2461407

WIRING CHART

FROM	TO	WIRE	AWG
J1-C1	J2-A1	RED	22 AWG
J1-C2	J2-B1	BLACK	
J1-P1	J2-P1	RED	6 AWG
	J2-P2		
J1-P2	J2-P3	BLACK	
	J2-P4		

NOTES:

- 100% OPEN, SHORT, MIS-WIRE TEST AND HI-POT
- NO REACH SvHC SHALL BE CONTAINED ABOVE THE THRESHOLD
DEFINED IN REACH SvHC COMPLIANCE DEFINITION IN ANNEX A OF TEC-I38-702
- RECOMMENDED BUS BAR PLATING 3um MIN. SILVER ON CONTACT AREA
AND 1.27um MIN. Ni. OVERALL.
- △ LABEL PRINTED INFORMATION AS FOLLOWS -TO BE WRAPPED TO SINGLE WIRE AT DESIGNATED LOCATION

FB P/N: XX-XXXXXX
TE P/N: 2411937-X
SN: XXXYMDSSSS

READING (DATA MATRIX)
TYC
XX-XXXXXX
2411937-X
YMD-W-SSSS

W- C DRAWING REVISION
YMD=YEAR MONTH DATE
SSSS=SERIAL NUMBER 0000 THROUGH 9999

YMD: YEAR 0-9, MONTH 1-C, DAY 1-V
Y: 0-9, EXAMPLE "3" IS 2013
M: 1-C, EXAMPLE "4" AS APRIL, "A" IS OCT, "C" IS DEC
D1-V: EXAMPLE "1" IS DAY 1, "V" IS DAY 31

TYC PN: 2411937-X

-	3	PC	CABLE TIE	18
-	2	PC	FERRITE CORE K5B-RC-25X12X15-M	17
AR	AR	MR	ACETATE TAPE	16
AR	AR	MR	PET SLEEVE, UL94V-0, HF FOR SENSE WIRES	15
2	2	PC	MBXLE TERMINAL - SENSOR	14
AR	AR	MR	UL10368, 22AWG, OD:1.28MM,VW-I, RED	13
AR	AR	MR	UL3132 6 AWG BLACK	12
4	4	PC	LABEL	11
AR	AR	MR	UL10368, 22AWG, OD:1.28MM,VW-I, BLACK	10
AR	AR	MR	UL3132 6 AWG RED	9
4	4	PC	POWER LOCK - MBXLE	8
AR	AR	MR	HST	7
2	2	PC	CHASIS GROUND	6
2	2	PC	BUSBAR CONTACT (P1/P2 - POWER TERMINAL)	5
2	2	PC	BUSBAR CONTACT (C1/C2 - SIGNAL TERMINAL)	4
1	1	PC	BUS BAR - ORV3 HOUSING TOOL LESS	3
4	4	PC	MBXLE TERMINAL - POWER	2
1	1	PC	MBXLE SQUEEZE TO FIT RECPTLE	1
-4 TO -6	-1 TO -3	U/M	DESCRIPTION	ITEM

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN VINAY U
CHK -
APVD WILLIAM Y
PRODUCT SPEC
APPLICATION SPEC
SIZE CAGE CODE DRAWING NO
A1 00779 ©=2411937

TE Connectivity
CA ORV3 TOOL LESS (NEW) TO
MBXLE

RESTRICTED TO
-
REV A1

DIMENSIONS:
mm

0 PLC
1 PLC
2 PLC
3 PLC
4 PLC
ANGLES
FINISH

TOLERANCES UNLESS
OTHERWISE SPECIFIED:
±
±
±
±
±
±
-

MATERIAL
TBD
material_2

finish_spec_2

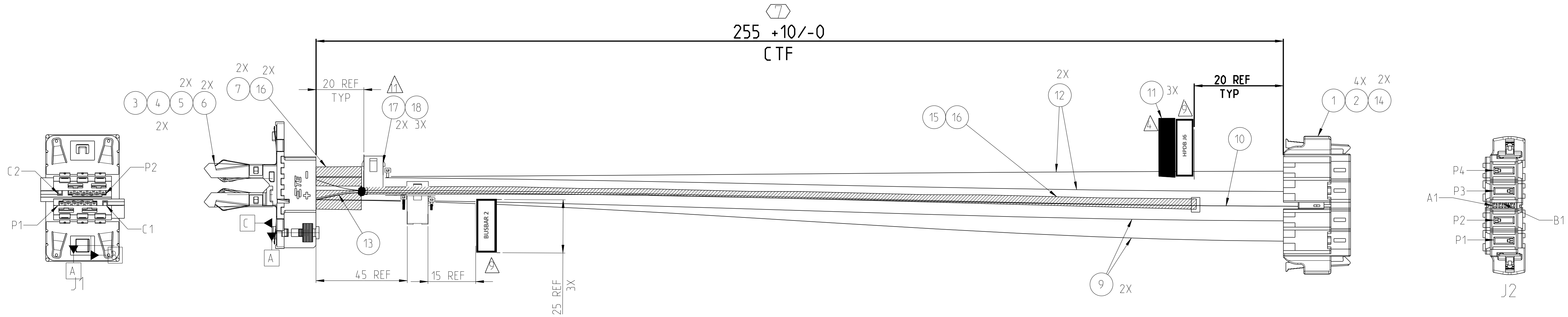
WEIGHT
-

CUSTOMER DRAW ING

SCALE 1:1
SHEET 1 OF 3
REV A1

REVISIONS				
P	LTR	DESCRIPTION	DATE	DWN
		SEE SHEET 1		

FOR 2411937-2 AND 2411937-5



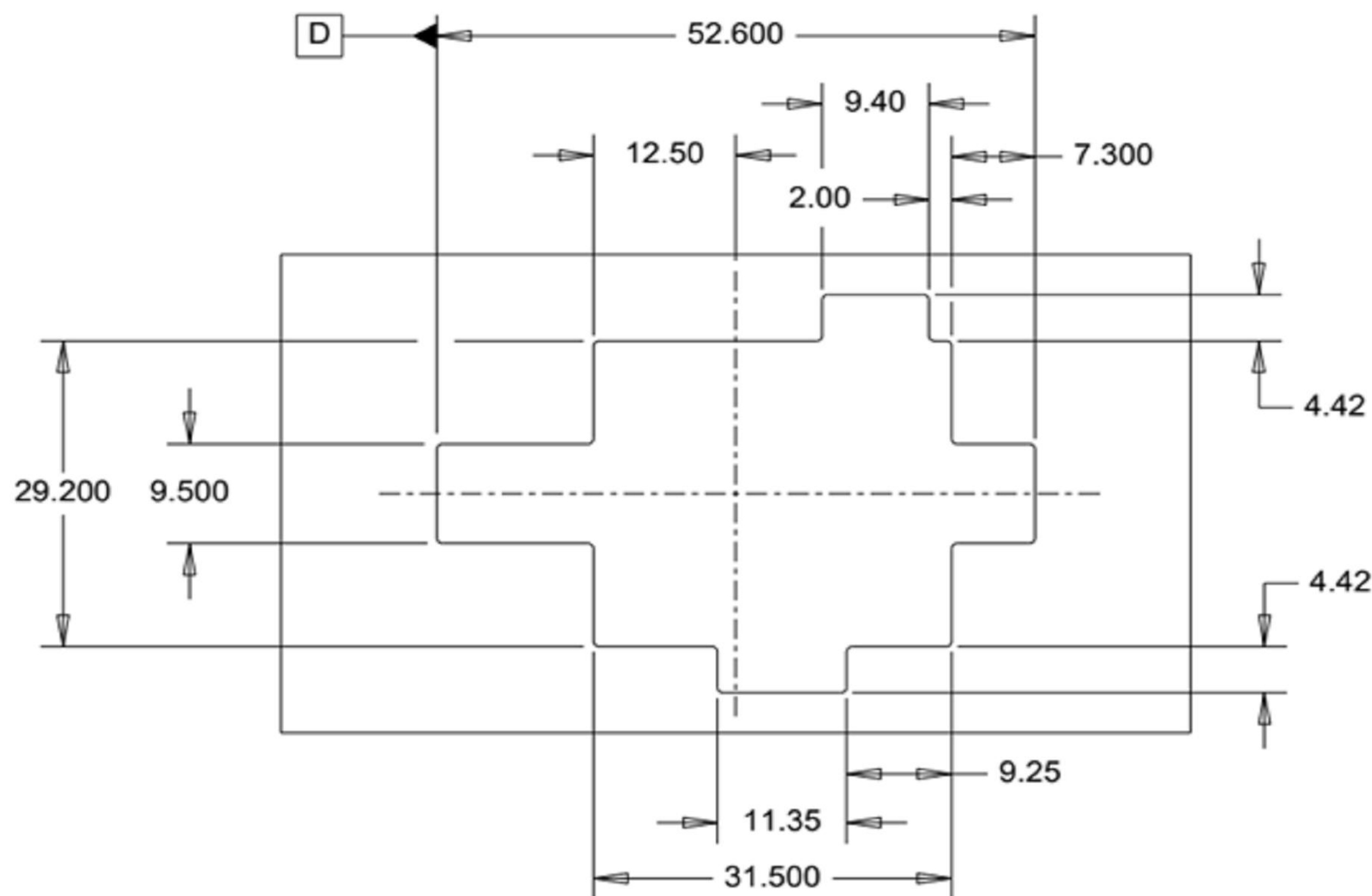
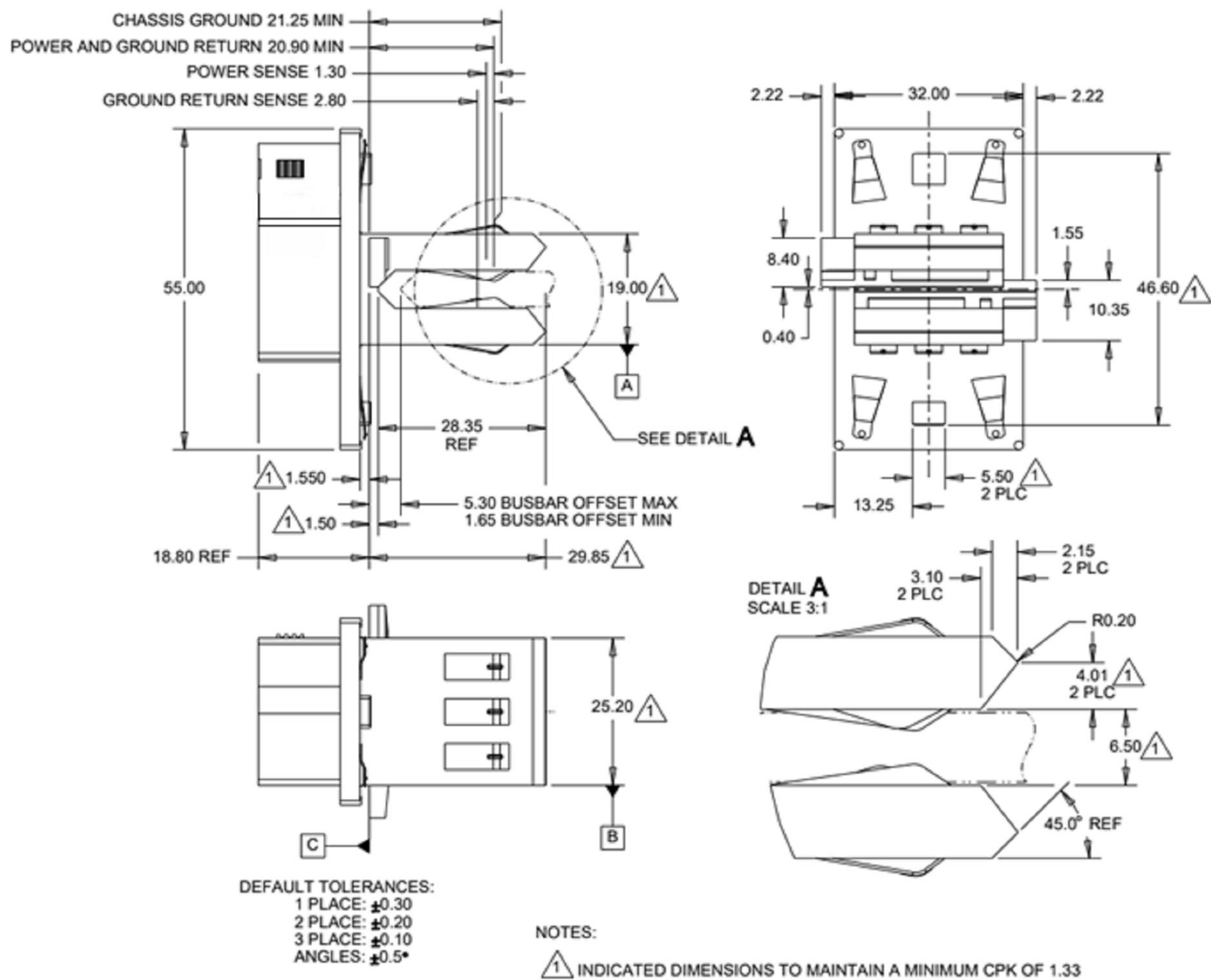
6. 6 AWG WIRES: WIRES TO BE STRIPPED AND USE HST (TWO WIRES TOGETHER) BEFORE CRIMPING
6. ALL MATERIALS, COMPONENTS AND PROCESS SHALL COMPLY WITH
TEC-138-702 (CONTAINS NO BANNED OR RESTRICTED SUBSTANCES)
7. CTF - CRITICAL TO FUNCTION: THESE DIMENSIONS SHALL BE USED FOR DETERMINATION AND QUALIFICATION OF PROCESS CAPABILITY (Cp, Cpk) PER THE QUANTA PPAP PROCESS. THE RANGE OF CABEL CTF DIMENSIONS INCLUDES THE FOLLOWING BUT SHOULD NOT BE LIMITED, SUCH AS LENGTH, BENDING SIZE, CONNECTOR SIZE, CONNECTOR LOCKING PRESSED AND RELEASE POSITIONS, CONNECTOR HOUSING FLATNESS---ETC.
8. RECOMMENDED PANEL THICKNESS: 1.11 TO 1.32 MM
9. LABEL PRINTED INFORMATION FOLLOW
ARIAL FONT, BOLD TYPE
HEIGHT 1.5 MM REF

FOR 2411937-1 AND 2411937-4	BUSBAR 1	VPDB J5
FOR 2411937-2 AND 2411937-5	BUSBAR 2	HPDB J6
FOR 2411937-3 AND 2411937-6	BUSBAR 3	HPDB J7

10. ITEM 1 MBXLE RECEPTICLE TEPN 9-1892820-1 MATES WITH MBXLE HEADER TEPN 2-2322024-1
11. FERRITE CORE TO BE USED ON 2X 6AWG - ONE FOR RED AND ONE FOR BLACK FOR 2411937-1 TO -3
12. THE CABLE ASSEMBLY IS UL WIRING HARNESS (ZPFW2) COMPLIANT.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN VINAY U 12APR2022		
DIMENSIONS: mm		CHK -		
	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD WILLIAM Y 25APR2022	NAME CA ORV3 TOOL LESS (NEW) TO MBXLE	
		PRODUCT SPEC	-	
		APPLICATION SPEC	-	
		FINISH	-	
MATERIAL TBD material_2	finish_spec_2	WEIGHT -	SIZE A1	CAGE CODE 00779
CUSTOMER DRAW ING		DRAWING NO C=2411937	RESTRICTED TO -	
		SCALE NTS	SHEET 2 OF 3	REV A1

REVISIONS				
P	LTR	DESCRIPTION	DATE	APPD
		SEE SHEET 1		



NOTES:

1. 0.8mm MINIMUM CLEARANCE BETWEEN UNITS
2. CONNECTOR PICKUP TO BE MAINTAINED WHEN TILTED AFTER BEING MOUNTED
3. DATUM D SHOWN AS A REFERENCE TO THE IT GEAR SPECIFICATION

Panel Cutout for Toolless Mounted Connector

THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN WINAY_U		12APR2022		 TE Connectivity	
		CNC					
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 4 PLC ± ANGLES ±		PART NO WILLIAM_Y 25APR2022		NAME CA ORV3 TOOL LESS (NEW) TO MBXLE	
				PRODUCT SPEC - APPLICATION SPEC		SIZE CAGE CODE DRAWING NO A 00779 C=2411937	
MATERIAL T80 material_2		FINISH finish_spec_2		WEIGHT -		RESTRICTED TO -	
CUSTOMER DRAWING				SCALE 1:1 SHEET 3 of 3 REV A			