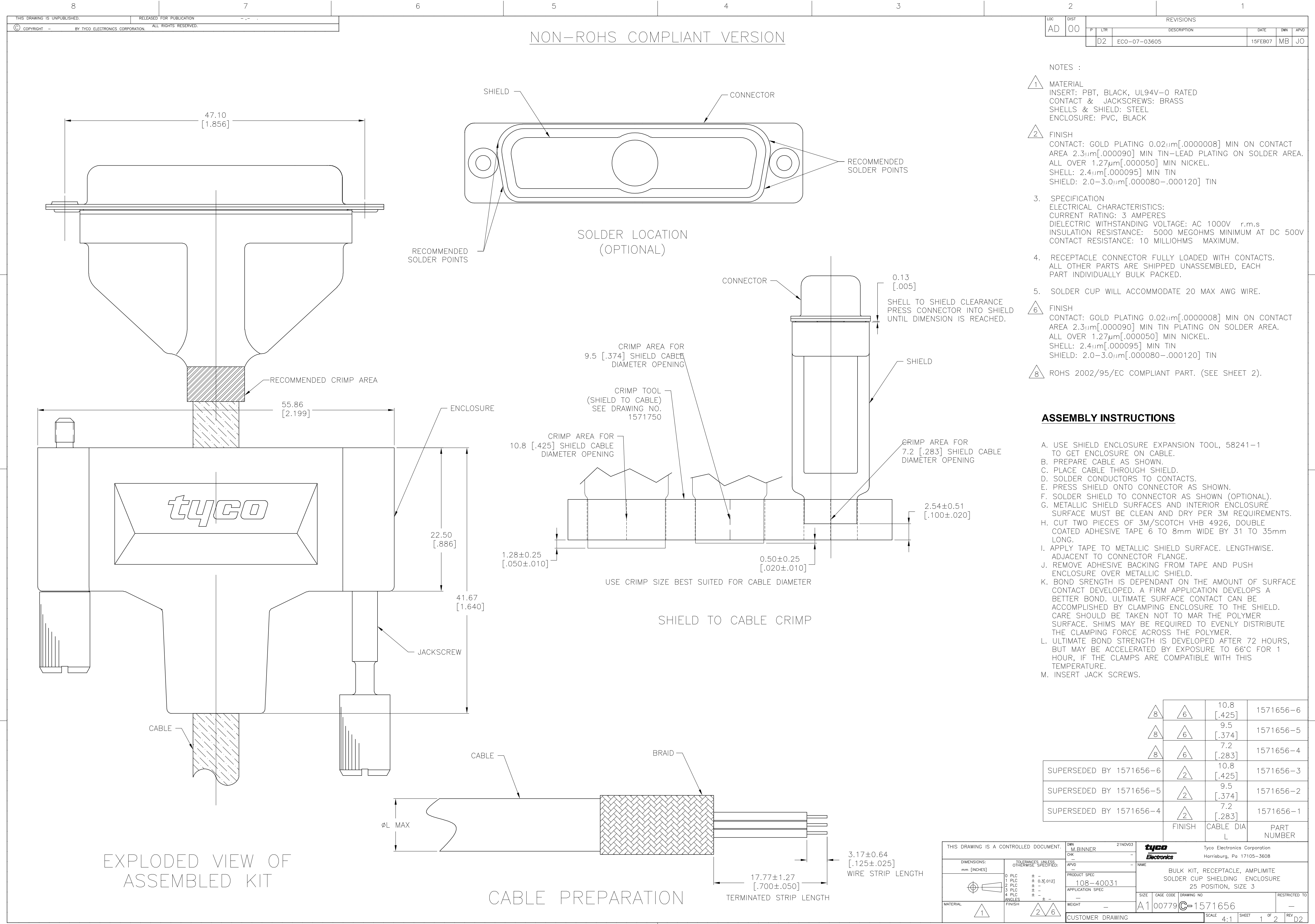




NON-ROHS COMPLIANT VERSION

LOC		DIST		REVISIONS					
AD		00		P	LTR	DESCRIPTION	DATE	DWN	APVD
					D2	ECO-07-03605	15FEB07	MB	JO

NOTES :

- 1

MATERIAL

INSERT: PBT, BLACK, UL94V-0 RATED

CONTACT & JACKSCREWS: BRASS

SHELLS & SHIELD: STEEL

ENCLOSURE: PVC, BLACK
- 2

FINISH

CONTACT: GOLD PLATING 0.02µm[.0000008] MIN ON CONTACT AREA 2.3µm[.000090] MIN TIN-LEAD PLATING ON SOLDER AREA. ALL OVER 1.27µm[.000050] MIN NICKEL.

SHELL: 2.4µm[.000095] MIN TIN

SHIELD: 2.0-3.0µm[.000080-.000120] TIN
- 3

SPECIFICATION

ELECTRICAL CHARACTERISTICS:

CURRENT RATING: 3 AMPERES

DIELECTRIC WITHSTANDING VOLTAGE: AC 1000V r.m.s

INSULATION RESISTANCE: 5000 MEGOHMS MINIMUM AT DC 500V

CONTACT RESISTANCE: 10 MILLIOHMS MAXIMUM.
- 4

RECEPTACLE CONNECTOR FULLY LOADED WITH CONTACTS.

ALL OTHER PARTS ARE SHIPPED UNASSEMBLED, EACH PART INDIVIDUALLY BULK PACKED.
- 5

SOLDER CUP WILL ACCOMMODATE 20 MAX AWG WIRE.
- 6

FINISH

CONTACT: GOLD PLATING 0.02µm[.0000008] MIN ON CONTACT AREA 2.3µm[.000090] MIN TIN PLATING ON SOLDER AREA. ALL OVER 1.27µm[.000050] MIN NICKEL.

SHELL: 2.4µm[.000095] MIN TIN

SHIELD: 2.0-3.0µm[.000080-.000120] TIN
- 8

ROHS 2002/95/EC COMPLIANT PART. (SEE SHEET 2).

ASSEMBLY INSTRUCTIONS

- A. USE SHIELD ENCLOSURE EXPANSION TOOL, 58241-1 TO GET ENCLOSURE ON CABLE.
- B. PREPARE CABLE AS SHOWN.
- C. PLACE CABLE THROUGH SHIELD.
- D. SOLDER CONDUCTORS TO CONTACTS.
- E. PRESS SHIELD ONTO CONNECTOR AS SHOWN.
- F. SOLDER SHIELD TO CONNECTOR AS SHOWN (OPTIONAL).
- G. METALLIC SHIELD SURFACES AND INTERIOR ENCLOSURE SURFACE MUST BE CLEAN AND DRY PER 3M REQUIREMENTS.
- H. CUT TWO PIECES OF 3M/SCOTCH VHB 4926, DOUBLE COATED ADHESIVE TAPE 6 TO 8mm WIDE BY 31 TO 35mm LONG.
- I. APPLY TAPE TO METALLIC SHIELD SURFACE. LENGTHWISE. ADJACENT TO CONNECTOR FLANGE.
- J. REMOVE ADHESIVE BACKING FROM TAPE AND PUSH ENCLOSURE OVER METALLIC SHIELD.
- K. BOND STRENGTH IS DEPENDANT ON THE AMOUNT OF SURFACE CONTACT DEVELOPED. A FIRM APPLICATION DEVELOPS A BETTER BOND. ULTIMATE SURFACE CONTACT CAN BE ACCOMPLISHED BY CLAMPING ENCLOSURE TO THE SHIELD. CARE SHOULD BE TAKEN NOT TO MAR THE POLYMER SURFACE. SHIMS MAY BE REQUIRED TO EVENLY DISTRIBUTE THE CLAMPING FORCE ACROSS THE POLYMER.
- L. ULTIMATE BOND STRENGTH IS DEVELOPED AFTER 72 HOURS, BUT MAY BE ACCELERATED BY EXPOSURE TO 66°C FOR 1 HOUR, IF THE CLAMPS ARE COMPATIBLE WITH THIS TEMPERATURE.
- M. INSERT JACK SCREWS.

	△8	△6	10.8 [.425]	1571656-6
	△8	△6	9.5 [.374]	1571656-5
	△8	△6	7.2 [.283]	1571656-4
SUPERSEDED BY 1571656-6		△2	10.8 [.425]	1571656-3
SUPERSEDED BY 1571656-5		△2	9.5 [.374]	1571656-2
SUPERSEDED BY 1571656-4		△2	7.2 [.283]	1571656-1
		△2	FINISH	CABLE DIA L
				PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M. BINNER	21NOV03	tyco Electronics		Tyco Electronics Corporation Harrisburg, Pa 17105-3608	
DIMENSIONS: mm [INCHES]		CHK —	APVD —	NAME		PRODUCT SPEC 108-40031	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		0 PLC ± — 1 PLC ± 0.3[.012] 2 PLC ± — 3 PLC ± — 4 PLC ± — ANGLES ± —		APPLICATION SPEC		SIZE A1	
MATERIAL		FINISH		WEIGHT		CAGE CODE 00779	
△1		△2 △6		CUSTOMER DRAWING		RESTRICTED TO —	
						SCALE 4:1	
						SHEET 1 OF 2	
						REV D2	

ROHS 2002/EC/EC COMPLIANT VERSION

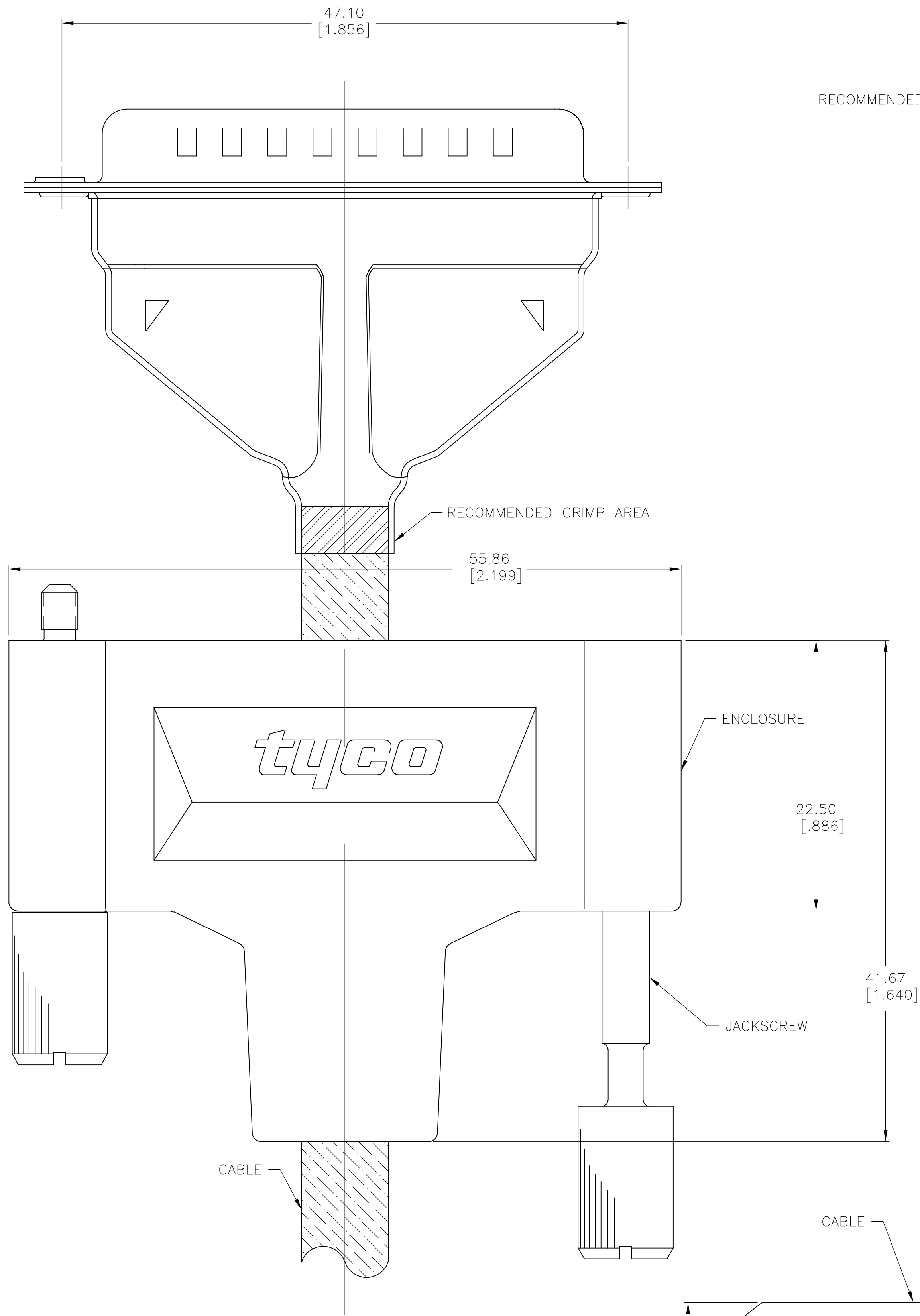
LOC		DIST		REVISIONS					
AD		00		P	LTR	DESCRIPTION	DATE	DWN	APVD
					—	SEE SHEET 1	—	—	—

D

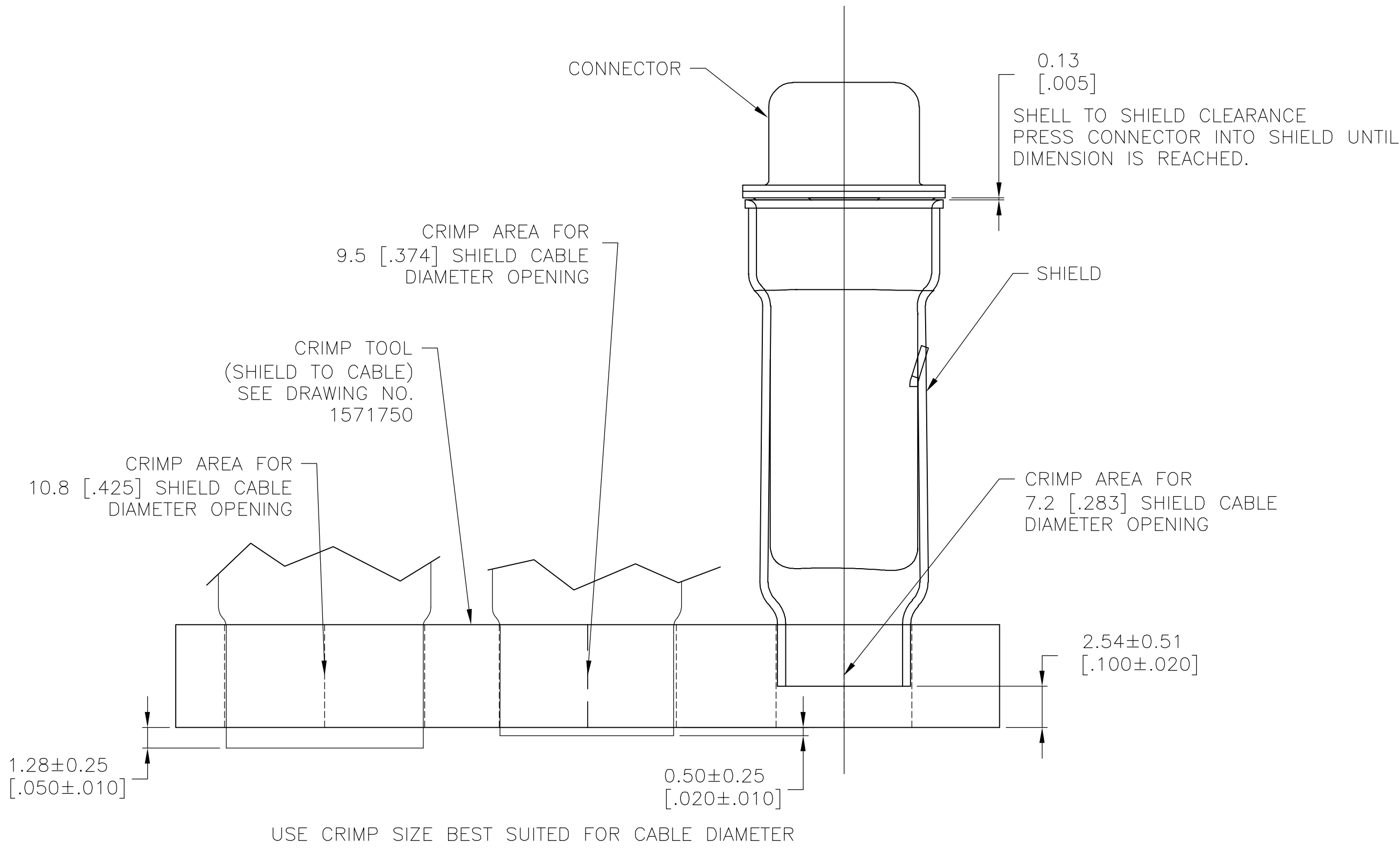
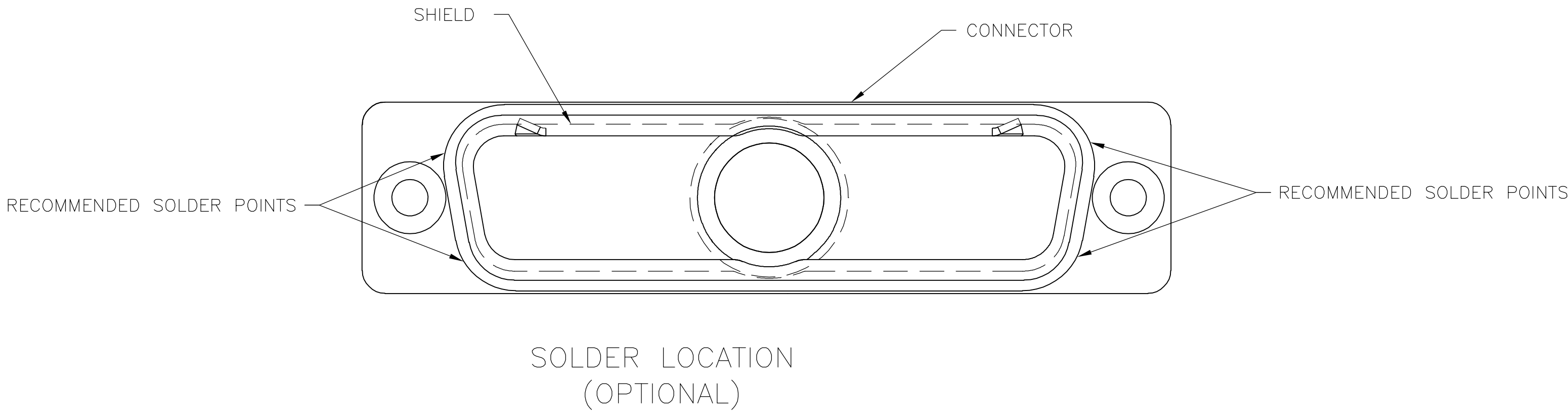
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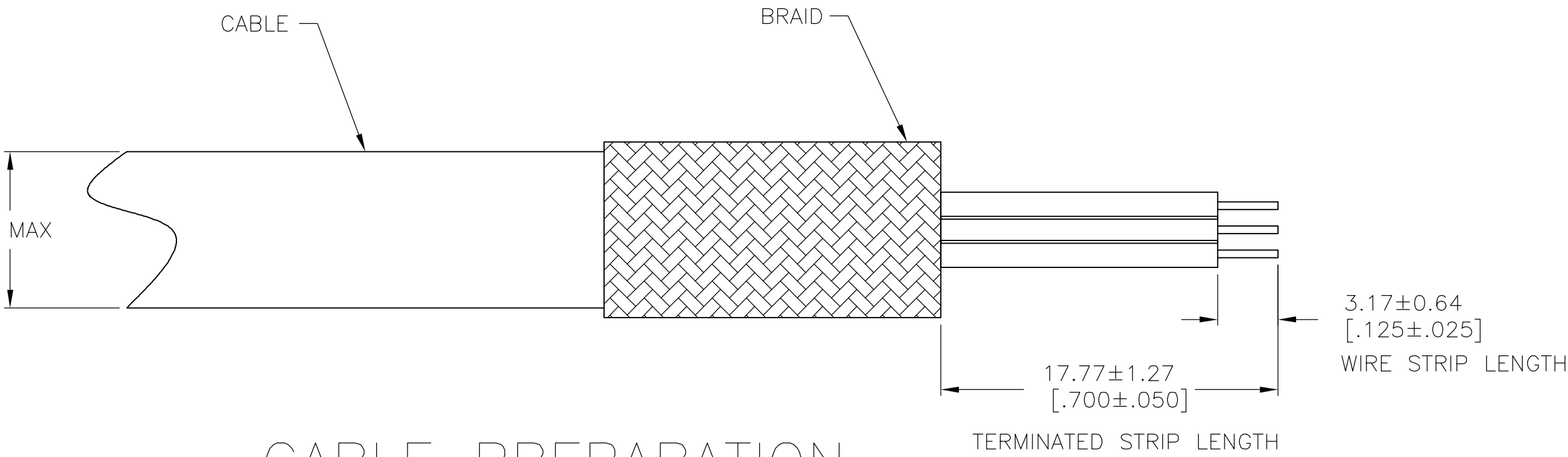
A



EXPLODED VIEW OF ASSEMBLED KIT



SHIELD TO CABLE CRIMP



CABLE PREPARATION

ASSEMBLY INSTRUCTIONS

- USE SHIELD ENCLOSURE EXPANSION TOOL, 58241-1 TO GET ENCLOSURE ON CABLE.
- PREPARE CABLE AS SHOWN.
- PLACE CABLE THROUGH SHIELD.
- SOLDER CONDUCTORS TO CONTACTS.
- PRESS SHIELD ONTO CONNECTOR AS SHOWN.
- SOLDER SHIELD TO CONNECTOR AS SHOWN (OPTIONAL).
- CRIMP SHIELD TO CABLE AS SHOWN IN CRIMP DETAIL.
- PRESS ENCLOSURE OVER SHIELD UNTIL CONNECTOR FLANGE IS FLUSH WITH ENCLOSURE EDGE.
- INSERT JACKSCREWS.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M. BINNER	21NOV03	tyco Electronics		Tyco Electronics Corporation Harrisburg, Pa 17105-3608	
DIMENSIONS: mm [INCHES]		CHK —	—	NAME —		PRODUCT SPEC 108-40031	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD —		APPLICATION SPEC —		RESTRICTED TO —	
MATERIAL 1		FINISH 2 6		SIZE A1		CAGE CODE 00779	
WEIGHT —		DRAWING NO. 1571656		CUSTOMER DRAWING		SCALE 4:1	
SHEET 2		OF 2		REV D2			