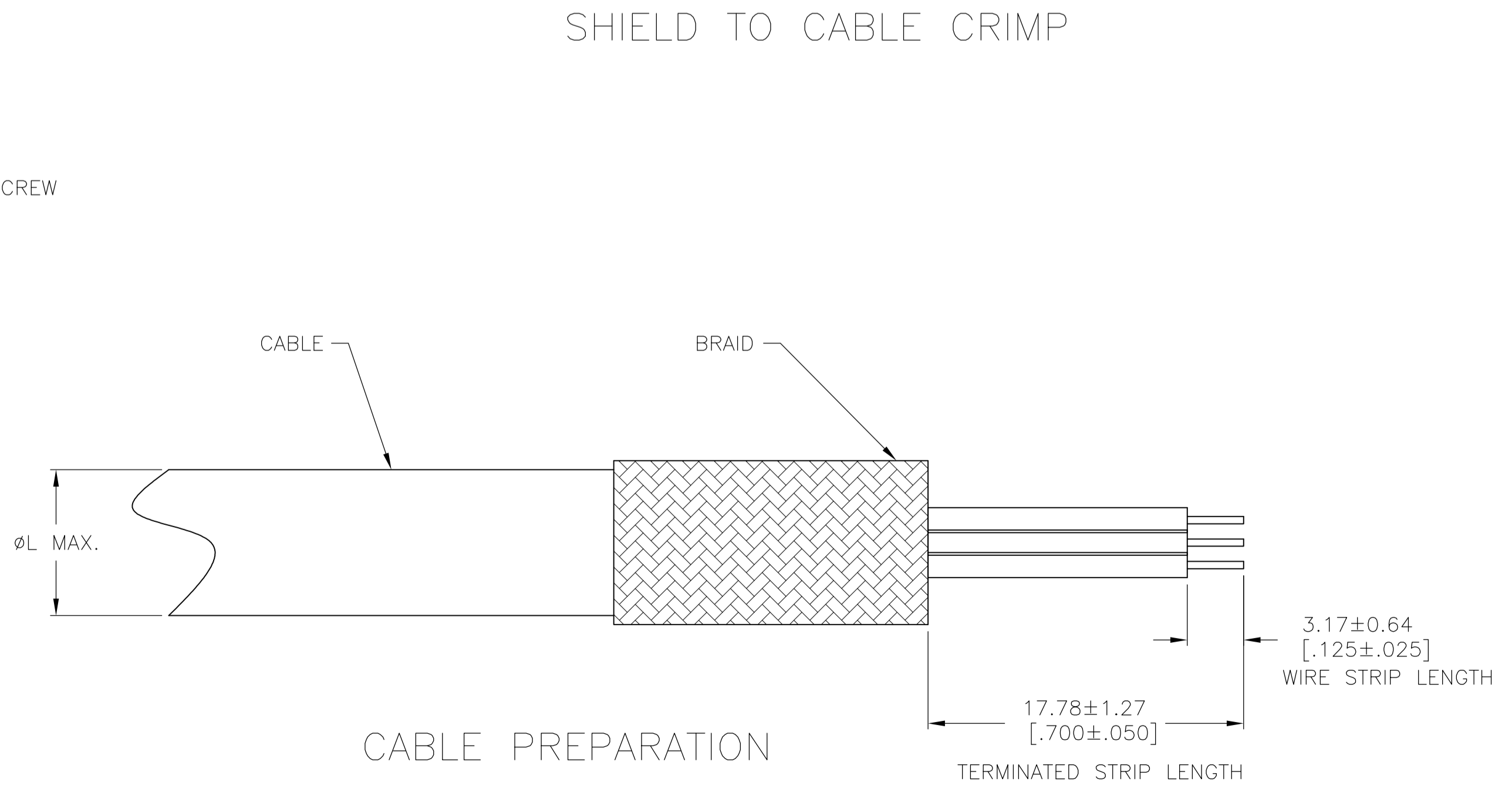
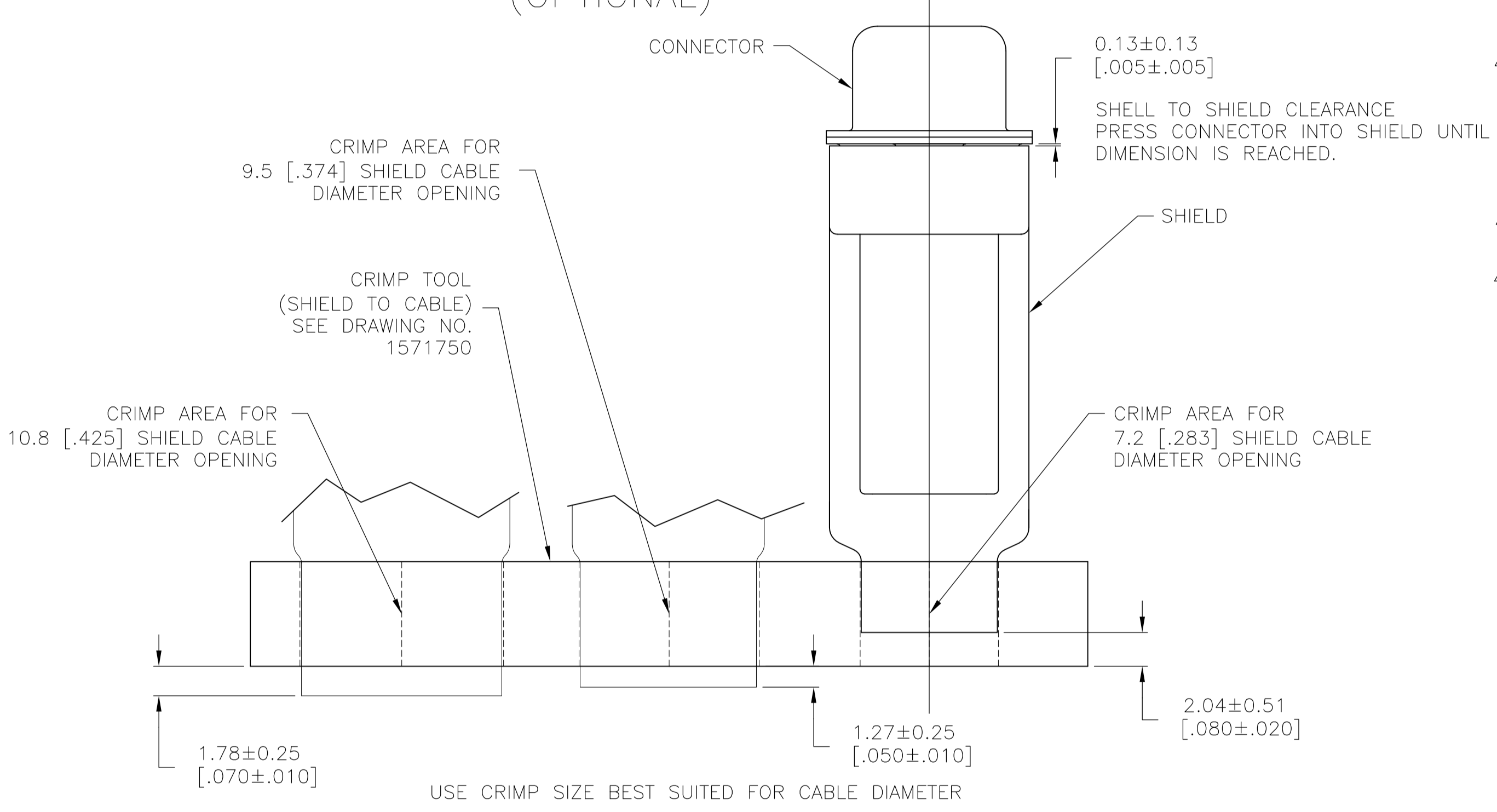
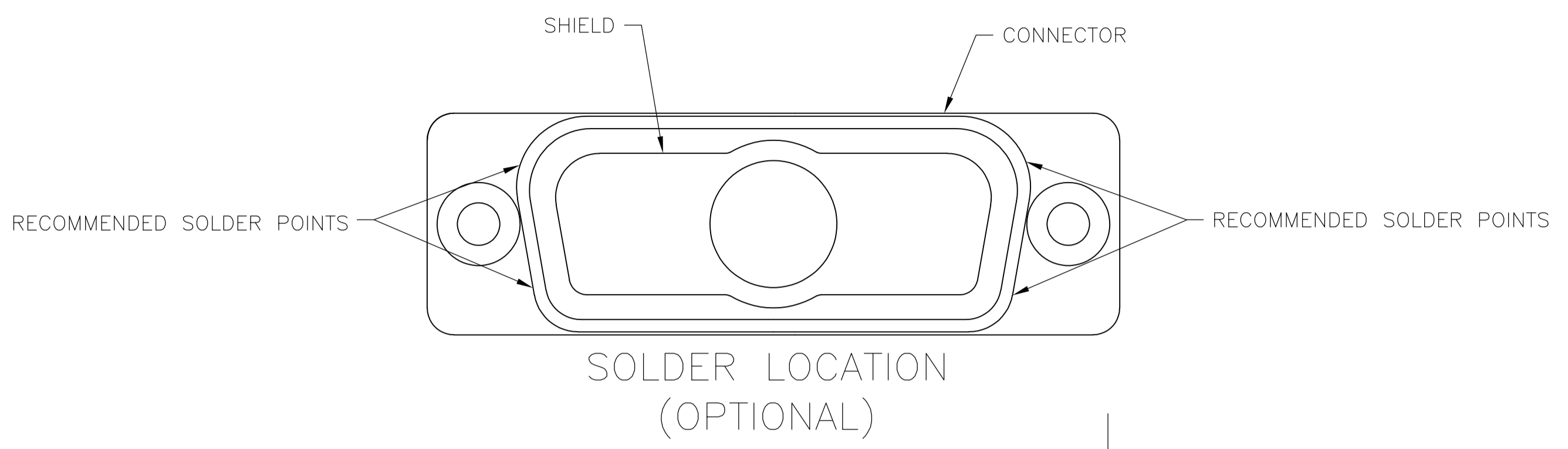
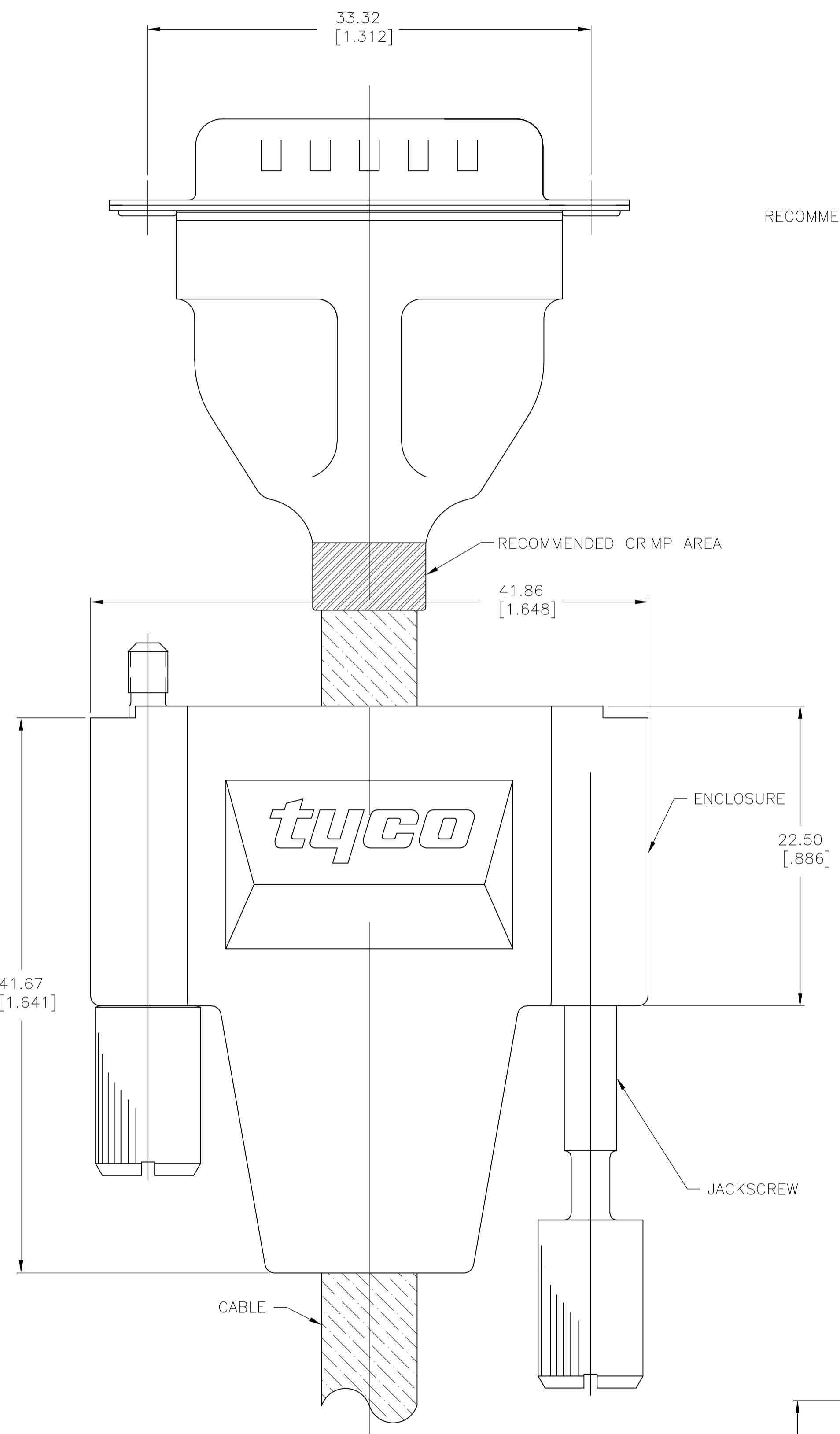


NON-ROHS COMPLIANT VERSION

LOC	DIST	REVISIONS				
AD	00	REV	DESCRIPTION	DATE	DWN	APVD
		D2	ECO-07-03605	15FEB07	MB	JO
		D3	REVISED PER ECO-09-024606	27OCT09	KK	AEG

1. NOTES: MATERIAL  
 INSERT: PBT, BLACK, UL94V-0 RATED  
 CONTACT & JACKSCREWS: BRASS  
 SHELLS & SHIELD: STEEL  
 ENCLOSURE: PVC, BLACK
2. FINISH:  
 CONTACT: GOLD PLATING 0.02µm[.000008] 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 MEGAOHMS MINIMUM AT DC 500V  
 CONTACT RESISTANCE: 10 MILLIOHMS MAXIMUM.
4. PLUG 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[.000008] 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)
9. OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI



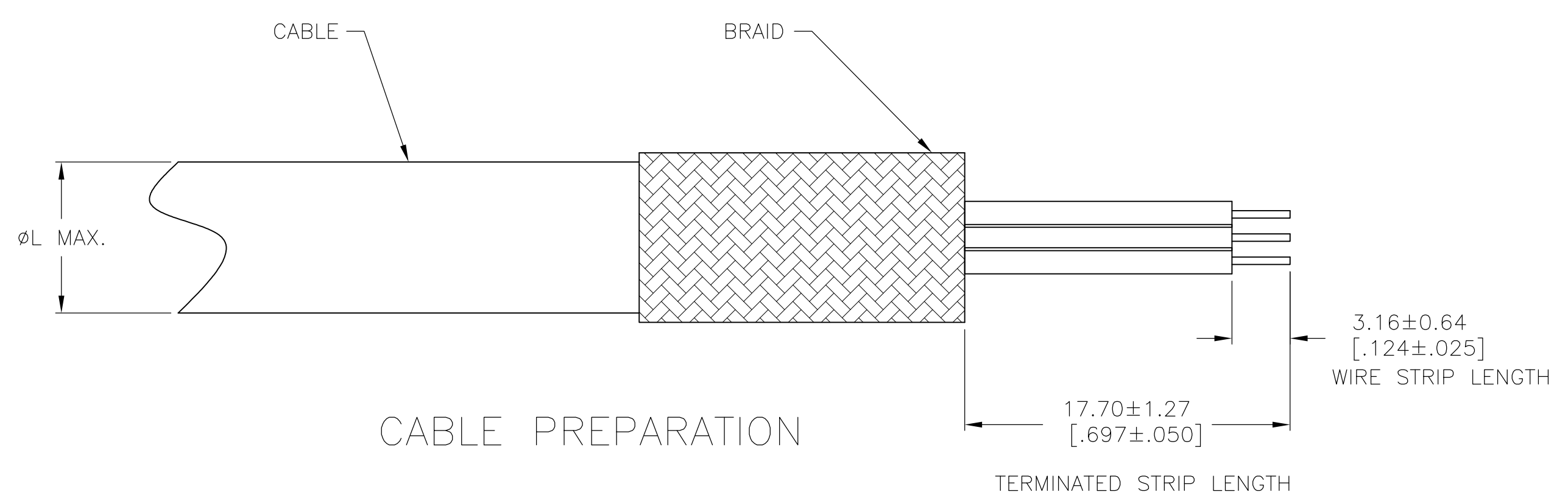
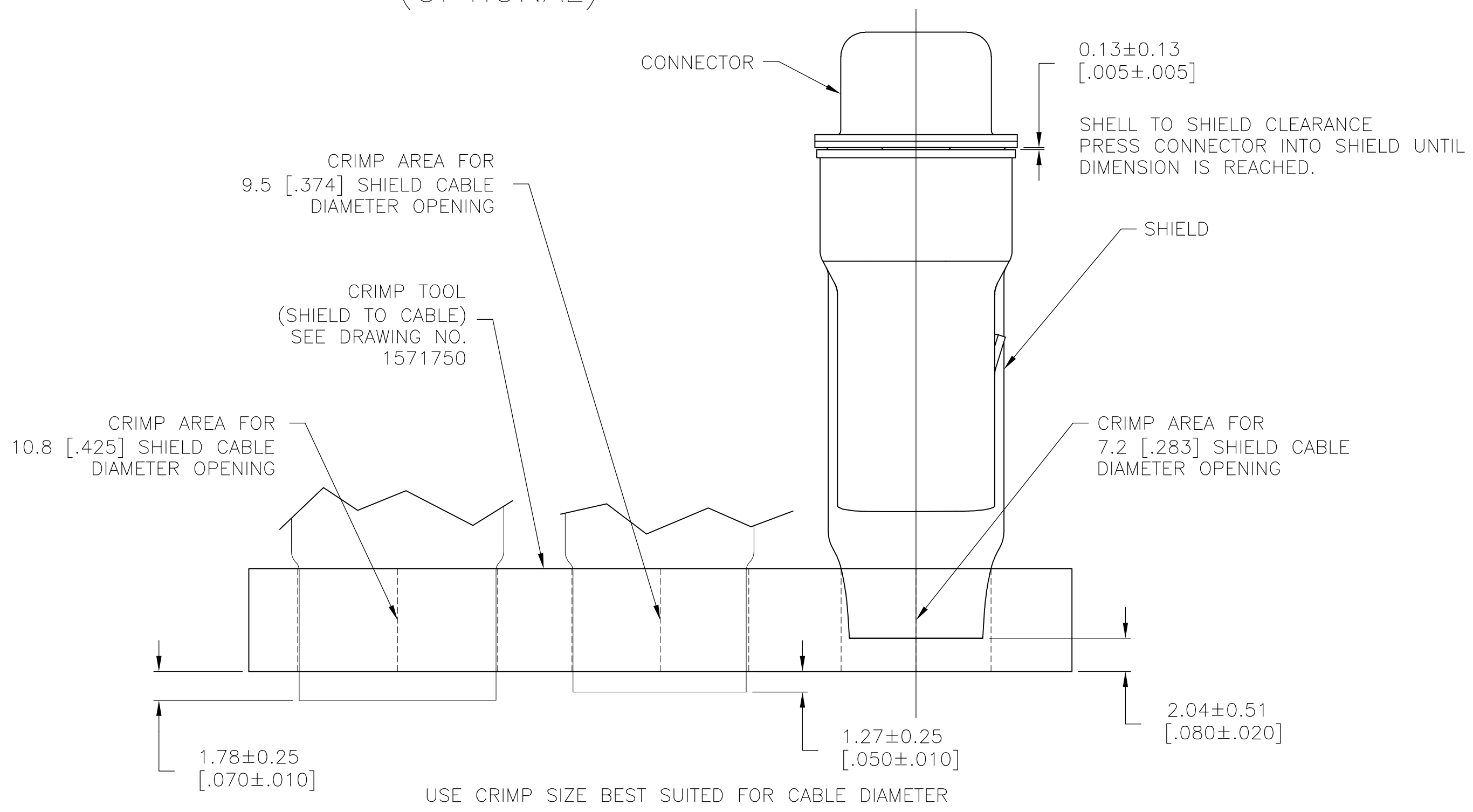
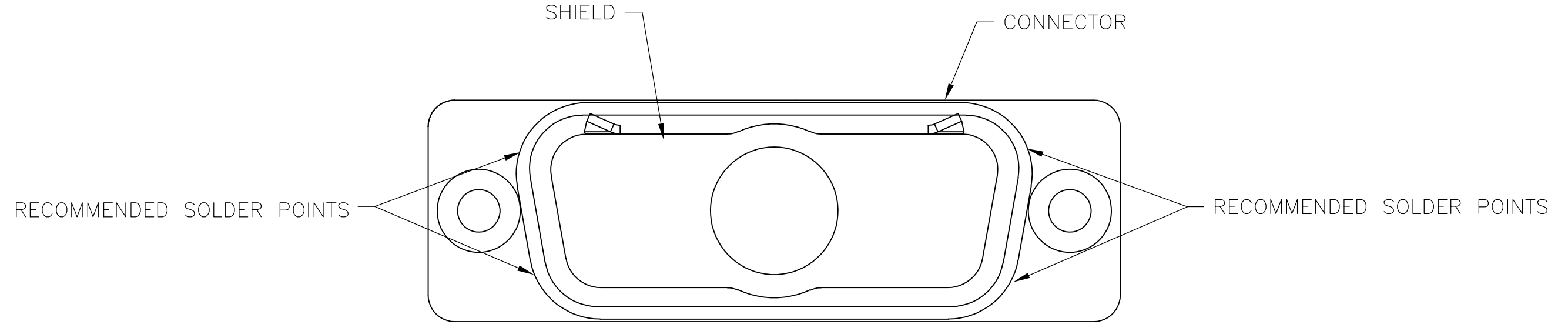
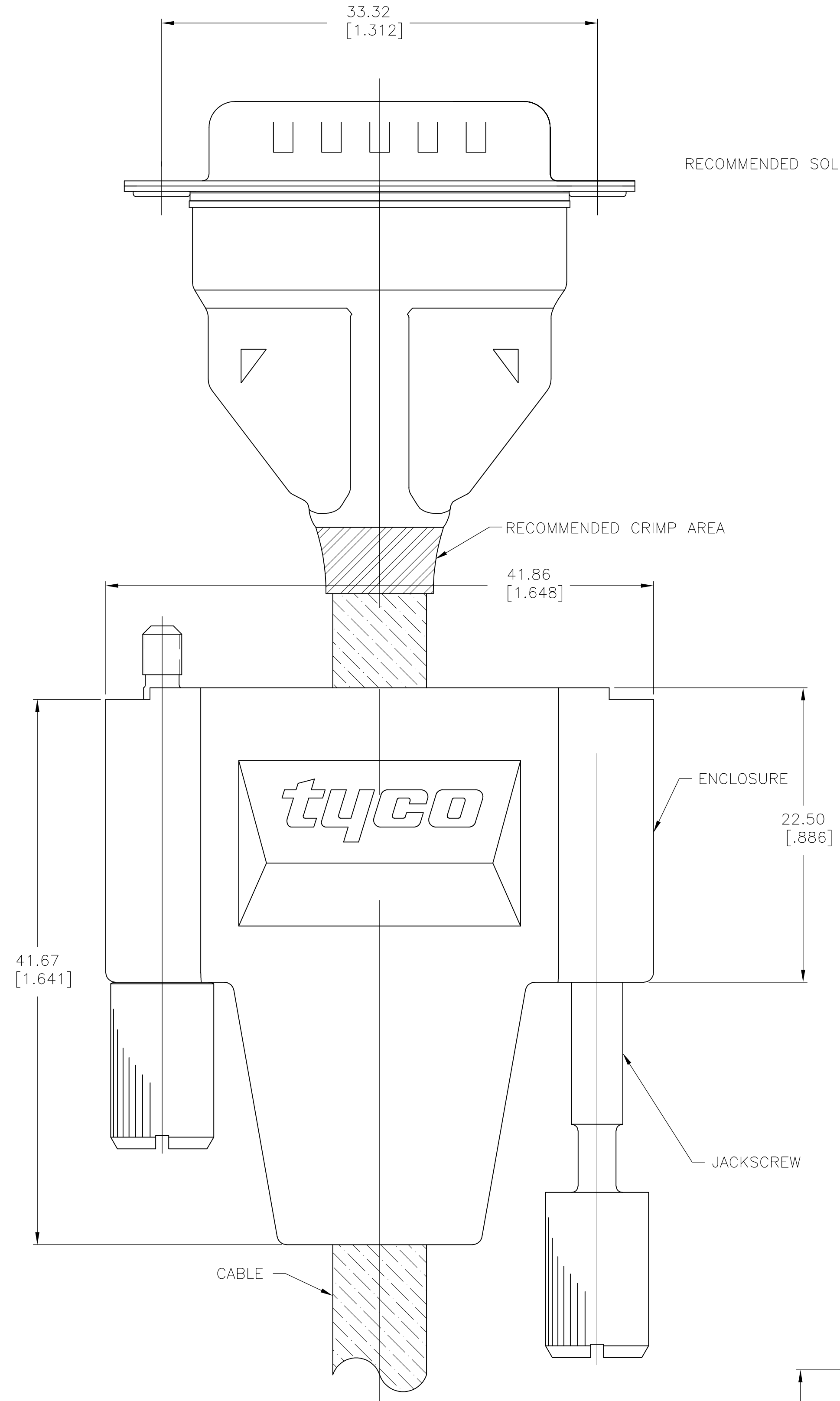
- ASSEMBLY INSTRUCTIONS**
- USE SHIELD ENCLOSURE EXPANSION TOOL, 58241-1 TO GET ENCLOSURE ON CABLE.
  - PREPARE CABLE AS SHOWN.
  - PLACE CABLE THROUGH SHIELD.
  - SOLDER CONDUCTORS TO CONTACTS.
  - PRESS SHIELD ONTO CONNECTOR AS SHOWN.
  - SOLDER SHIELD TO CONNECTOR AS SHOWN (OPTIONAL).
  - METALLIC SHIELD SURFACES AND INTERIOR ENCLOSURE SURFACE MUST BE CLEAN AND DRY PER 3M REQUIREMENTS.
  - CUT TWO PIECES OF 3M/SCOTCH VHB 4926, DOUBLE COATED ADHESIVE TAPE 6 TO 8mm WIDE BY 19 TO 21mm LONG.
  - APPLY TAPE TO METALLIC SHIELD SURFACE. LENGTHWISE. ADJACENT TO CONNECTOR FLANGE.
  - REMOVE ADHESIVE BACKING FROM TAPE AND PUSH ENCLOSURE OVER METALLIC SHIELD.
  - 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 ACCROSS THE POLYMER.
  - 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.
  - INSERT JACK SCREWS.

8	9	OBSOLETE	6	10.8 [.425]	1571651-6	
			6	9.5 [.374]	1571651-5	
8	9	OBSOLETE	6	7.2 [.283]	1571651-4	
		SUPERSEDED BY 1571651-6	2	10.8 [.425]	1571651-3	
		SUPERSEDED BY 1571651-5	2	9.5 [.374]	1571651-2	
		SUPERSEDED BY 1571651-4	2	7.2 [.283]	1571651-1	
				FINISH	CABLE DIA L	PART NUMBER

DIMENSIONS: mm [INCHES]		TOLERANCES UNLESS OTHERWISE SPECIFIED:		FINISH	
0 PL	±	1 PL	± 0.3[.012]	2	6
1 PL	±	2 PL	±		
2 PL	±	3 PL	±		
3 PL	±	4 PL	±		
4 PL	±	ANGLES	±		

THIS DRAWING IS A CONTROLLED DOCUMENT.		DIN M. BINNER 21NOV03	Tyco Electronics Corporation Harrisburg, Pa 17105-3608	
APVD	---	NAME	BULK KIT, PLUG, AMPLIMITE SOLDER CUP SHIELDING ENCLOSURE 15 POSITION, SIZE 2	
PRODUCT SPEC	108-40031	SIZE	CAGE CODE	DRAWING NO
APPLICATION SPEC	---	RESTRICTED TO	---	
MATERIAL	1	WEIGHT	A1 00779	1571651
CUSTOMER DRAWING	SCALE 4:1	SHEET 1 OF 2	REV D3	

ROHS 2002/95/EC COMPLIANT VERSION



**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. CRIMP SHIELD TO CABLE AS SHOWN IN CRIMP DETAIL
- H. PRESS ENCLOSURE OVER SHIELD UNTIL CONNECTOR FLANGE IS FLUSH WITH ENCLOSURE EDGE.
- I. INSERT JACKSCREWS.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	M. BINNER	21NOV03	Tyco Electronics Corporation Harrisburg, Pa 17105-3608
DIMENSIONS: mm [INCHES]		CHK			
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD			NAME BULK KIT, PLUG, AMPLIMITE SOLDER CUP SHIELDING ENCLOSURE 15 POSITION, SIZE 2
0 PLC ± .3		PRODUCT SPEC	108-40031	SIZE	
1 PLC ± 0.3[.012]		APPLICATION SPEC		CAGE CODE	DRAWING NO
2 PLC ± .3		RESTRICTED TO		1571651	
3 PLC ± .3		WEIGHT		A1	00779
4 PLC ± .3		CUSTOMER DRAWING		SCALE	4:1
ANGLES ± .3		SHEET	2	OF	2
FINISH		REV	D3		