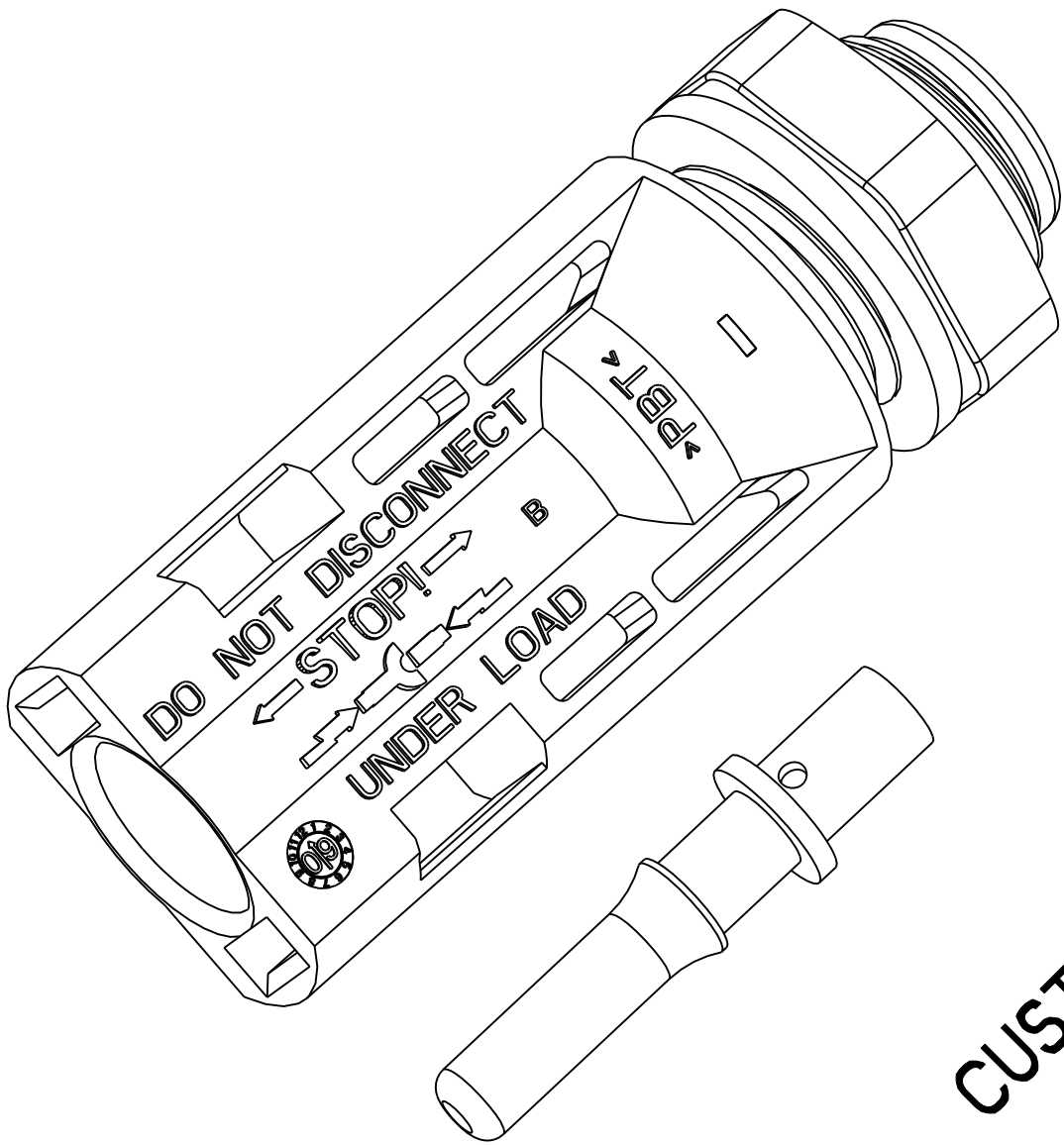
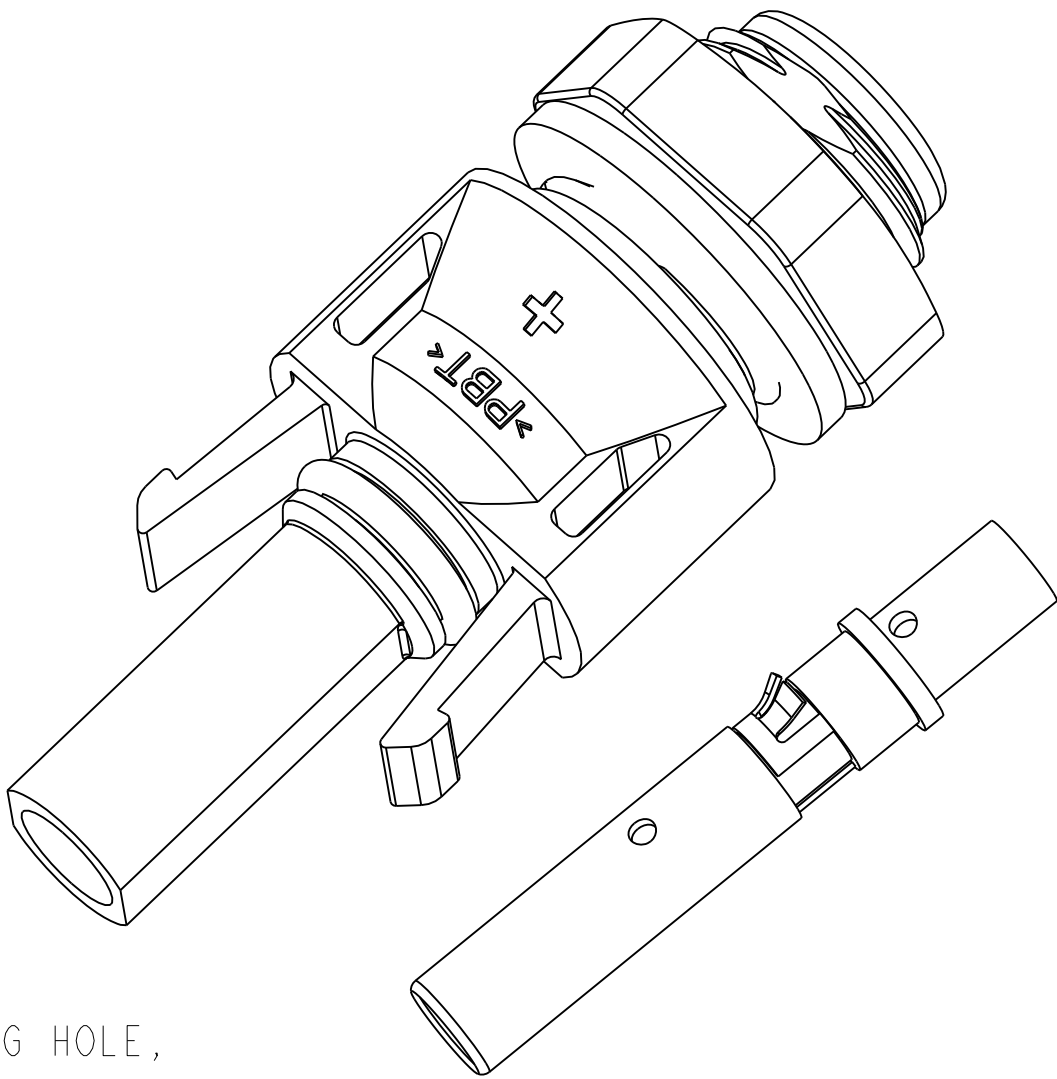


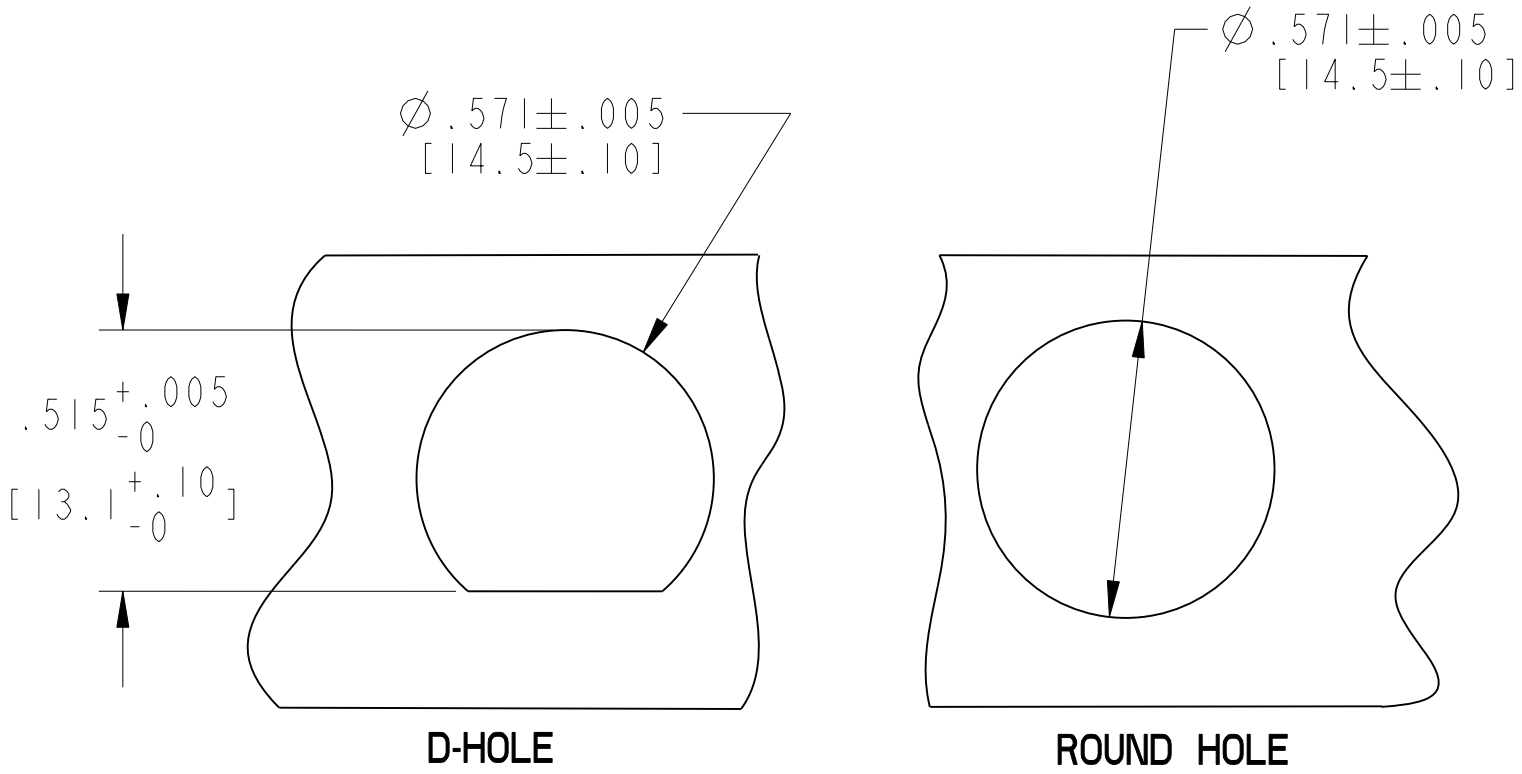


CUSTOMER DRAWING

5. USE O-RING FOR ROUND MOUNTING HOLE,
FLAT GASKET FOR D-HOLE

4. SPECIFICATION:

CONTACT SIZE	2.5MM ² /AWG14	4MM ² /AWG12	6MM ² /AWG10
RATED CURRENT (AT 85°C AMBIENT)	36A	45A	52A
RATED VOLTAGE	1000V (TUV) 600V (UL)	1000V (TUV) 600V (UL)	1000V (TUV) 600V (UL)
CONTACT RESISTANCE	0.25mΩ TYP.	0.25mΩ TYP.	0.25mΩ TYP.
DEGREE OF PROTECTION,MATED	IP68	IP68	IP68
SOCKET CONTACT MATERIAL	COPPER, TIN PLATED	COPPER, TIN PLATED	COPPER, TIN PLATED
INSULATION MATERIAL	PBT, UL94-V0	PBT, UL94-V0	PBT, UL94-V0
AMBIENT TEMPERATURE RANGE	-40°C...+90°C	-40°C...+90°C	-40°C...+90°C
STRIP LENGTH	7.0 mm(9/32")	7.0 mm(9/32")	7.0 mm(9/32")



D-HOLE

ROUND HOLE

MOUNTING HOLE
D-HOLE OR ROUND HOLE

3. CONTACTS SHOWN INSTALLED FOR REFERENCE ONLY

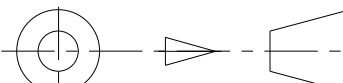
2. COMPONENTS AVAILABLE IN BULK OPTIONAL

1. THIS ASSEMBLY SHALL BE CERTIFIED RoHS COMPLIANT TO THE EUROPEAN UNION DIRECTIVE 2002/95/EC AS AMENDED PER 2005/618/E

NOTES:

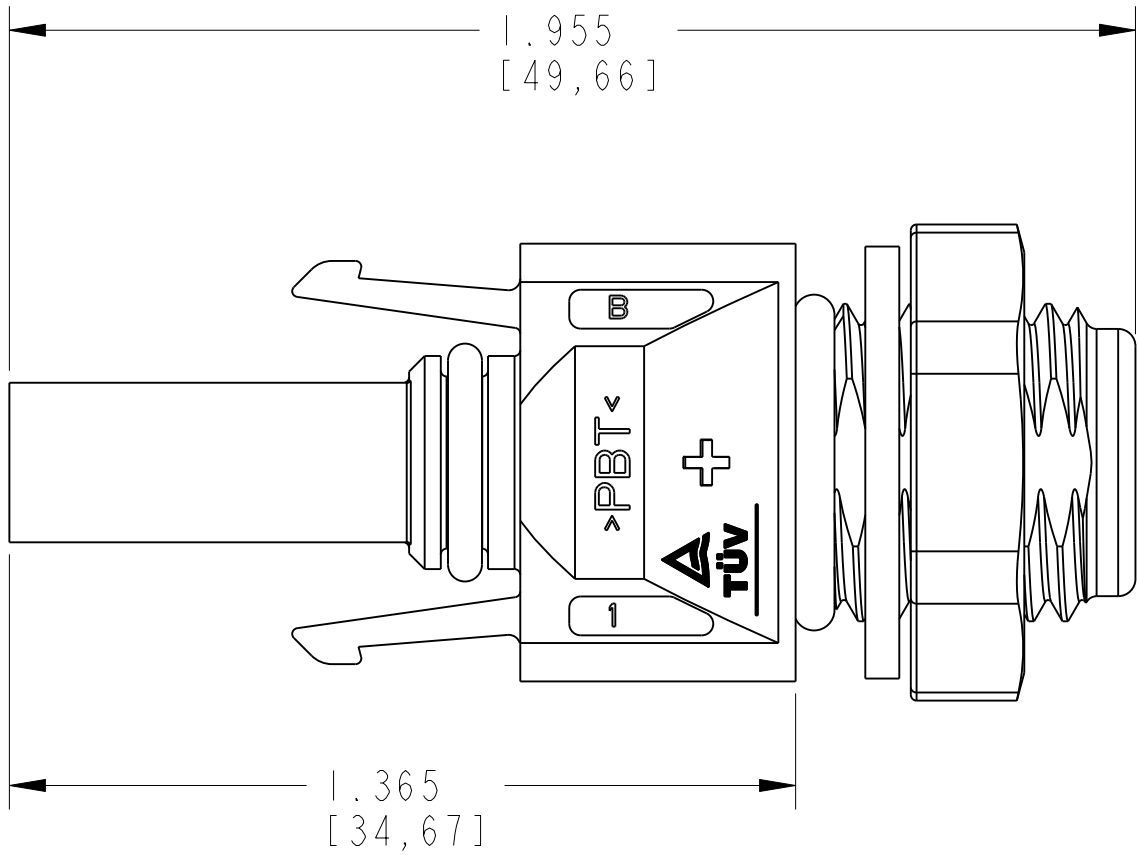
THE USE OF THIS DOCUMENT IS UNLIMITED.
HOWEVER, DOCUMENTS REFERENCED HEREON
MAY CONTAIN LIMITED RIGHTS DATA.

N/A	PRO/ENGINEER INFORMATION
N/A	Pro/e Model Used: CPV-080509-F.ASSEM
NEXT ASSEMBLY	Drawing Name: CPV-080509-F_M-COMSTOMER

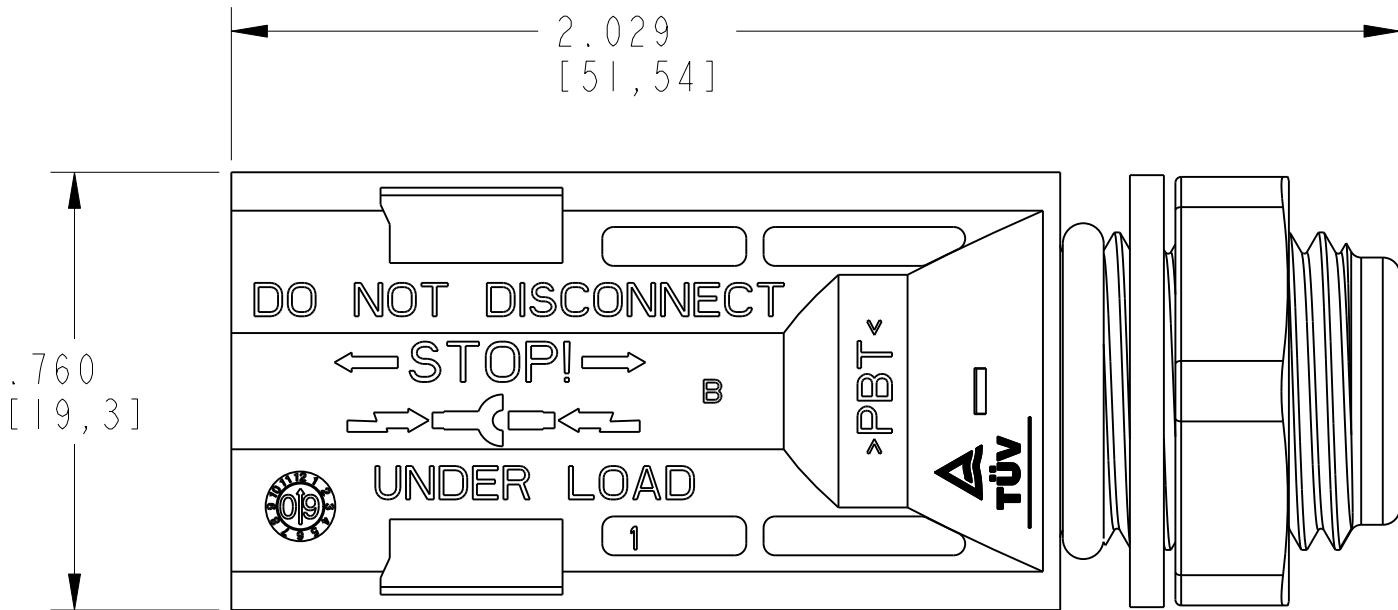
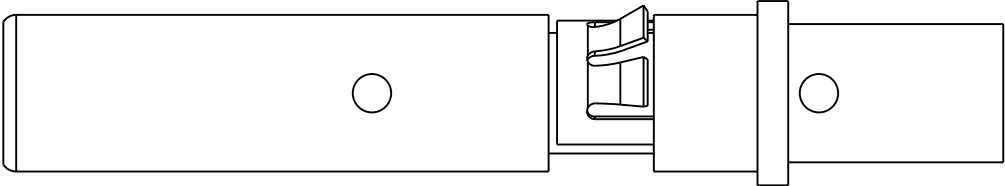
UNLESS OTHERWISE SPECIFIED	SPECIFICATIONS	POS	QTY	PART NUMBER	DESCRIPTION	NOTE	
LINEAR DIMENSIONS ARE IN INCHES TOLERANCES: .XXXX = ±.0005 ANGLES= ±2° .XXX = ±.005 .XX = ±.03 .X = ±.1 ----- DIM.& TOL. PER ASME Y14.5M; DRM PER MIL-DTL-31000; OTHER Amphenol Sids. PER 9-3800 LEGENDS: -FLAG NOTE CALL OUT REFERENCE ONLY 	MATERIAL SPEC.	PARTS LIST					
	N/A -	APPROVALS		DATE	AMPHENOL CORPORATION 40-60 DELAWARE AVENUE SIDNEY, N.Y. 13838 HELIOS BULKHEAD CONNECTOR ASSEMBLY		
		PREPARED BY ALEX LI		27-Mar-09			
		ENGINEER IN CHARGE DANIEL LENEL					
		DESIGN MANAGER DANIEL LENEL					
	PROCESS SPEC.	DESIGN ACTIVITY GROUP C&I			SIZE C CAGE CODE 77820 DOCUMENT NO. SEE TABLE ITEM REV. PA1		
		N/A -	THIRD ANGLE PROJECTION				
				SCALE: 1.0 REF: -			
				SHEET 1 OF 2			

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CUSTOMER DRAWING



FEMALE CONNECTOR
P/N:PV-0805()-F



MALE CONNECTOR
P/N:PV-0805()-M

