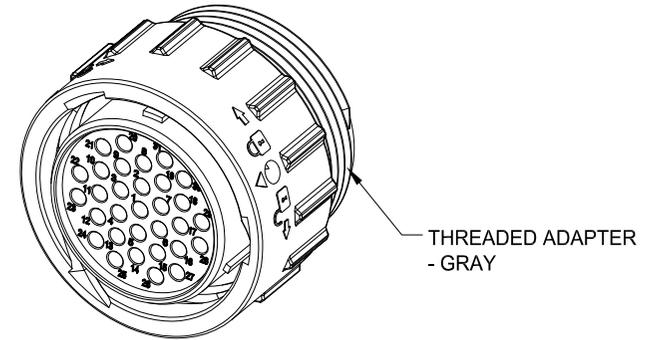
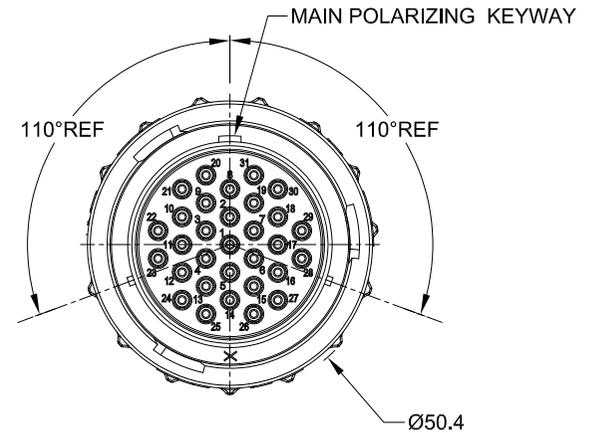
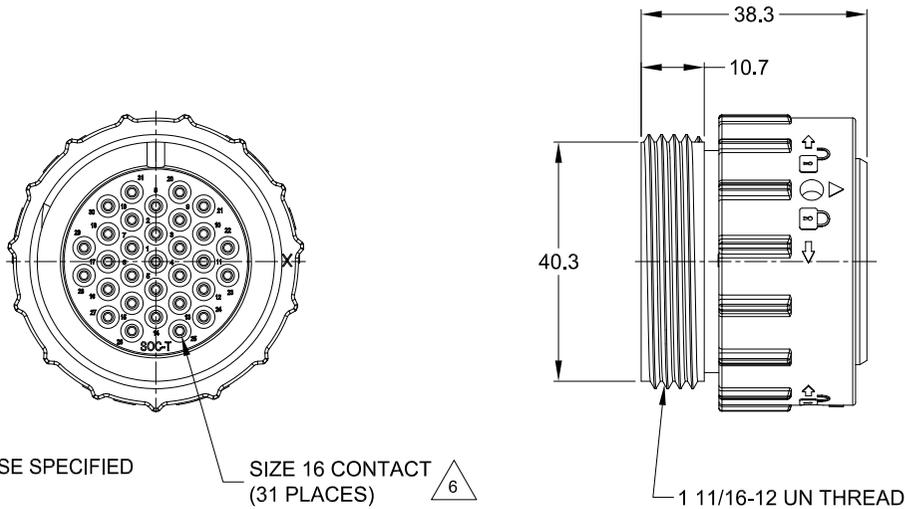


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
01		PRELIMINARY DESIGN	25AUG15	Sullen	
02		UPDATE TEXT FORMAT ISSUES	08OCT15	Sullen	Tommy



NOTES: UNLESS OTHERWISE SPECIFIED

SIZE 16 CONTACT (31 PLACES) 6

1. MATERIAL:
HOUSING: THERMOPLASTIC; BLACK
SEAL: SILICONE RUBBER
2. MODIFICATIONS: THREADED ADAPTER;
THIN WALL DIA. WIRE SEAL
3. SPECIFICATIONS:
 - 3.1 OPERATING TEMPERATURE: -55°C TO +125°C.
 - 3.2 DIELECTRIC WITHSTANDING VOLTAGE: LESS THAN 2 MILLIAMPS CURRENT LEAKAGE @ 1500 VOLTS AC.
 - 3.3 INSULATION RESISTANCE: 1000 MEGOHM MIN @ 25°C.
 - 3.4 MOISTURE RESISTANCE: IP67 (MATED CONDITION),
 - 3.5 MATING CYCLE DURABILITY: 100 CYCLES
 - 3.6 RoHS COMPLIANT
4. MATING PART: AHDP04-24-31P* (* = SEAL TYPE)

5. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

6 CONTACT SIZE AND WIRE RANGE:

CONTACT SIZE	MIN. INSUL O.D.	MAX. INSUL O.D.	TYPICAL WIRE RANGE	CURRENT RATING
16	2.23 mm (.088in)	3.40 mm (.134 in)	14-20 AWG	13 AMPS

TITLE SHEET: 24-31 POS SOCKET CONT. THIN WALL WIRE DIA. SEAL, AHDP DWG NO: AHDP06-24-31ST-WTA REV: 02 SH: 1 OF: 1

AHDP06-24-31ST-WTA		DESCRIPTION		ITEM
QUANTITY	PART NUMBER	MATERIALS LIST		
UNLESS OTHERWISE SPECIFIED 1) All dimensions are in metric (mm). 2) Tolerances are as follows: 1 PL DEC ±0.30 2 PL DEC ±0.15 3 PL DEC ±0.08 3) Note reference = X		SIGNATURES DATE DRAWN: SULLEN,ZHANG 08OCT15 CHECKED: TOMMY,XIE 08OCT15 ENGINEER: APPROVAL: CUSTOMER:		<p style="text-align: center;">Amphenol</p> <p style="text-align: center;">Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036</p> <p style="text-align: center;">PLUG, 24-31 POS, SOCKET CONTACT THIN WALL WIRE DIA. SEAL, AHDP SERIES</p>
MATERIAL SPECIFICATIONS: PROCESS SPECIFICATIONS: NEXT ASSY:		THIS DRAWING IS SUPPLIED FOR INFORMATION ONLY. DESIGN FEATURES, SPECIFICATIONS AND PERFORMANCE DATA SHOWN HEREON ARE THE PROPERTY OF THE AMPHENOL CORPORATION. NO RIGHTS OF REPRODUCTION ARE IMPLIED. ALL DIMENSIONS ARE SUBJECT TO NORMAL MANUFACTURING VARIATIONS.		
		SIZE: B C-	DWG NO: AHDP06-24-31ST-WTA	REVISION: 02
		SCALE: NONE	SHEET 1 OF 1	