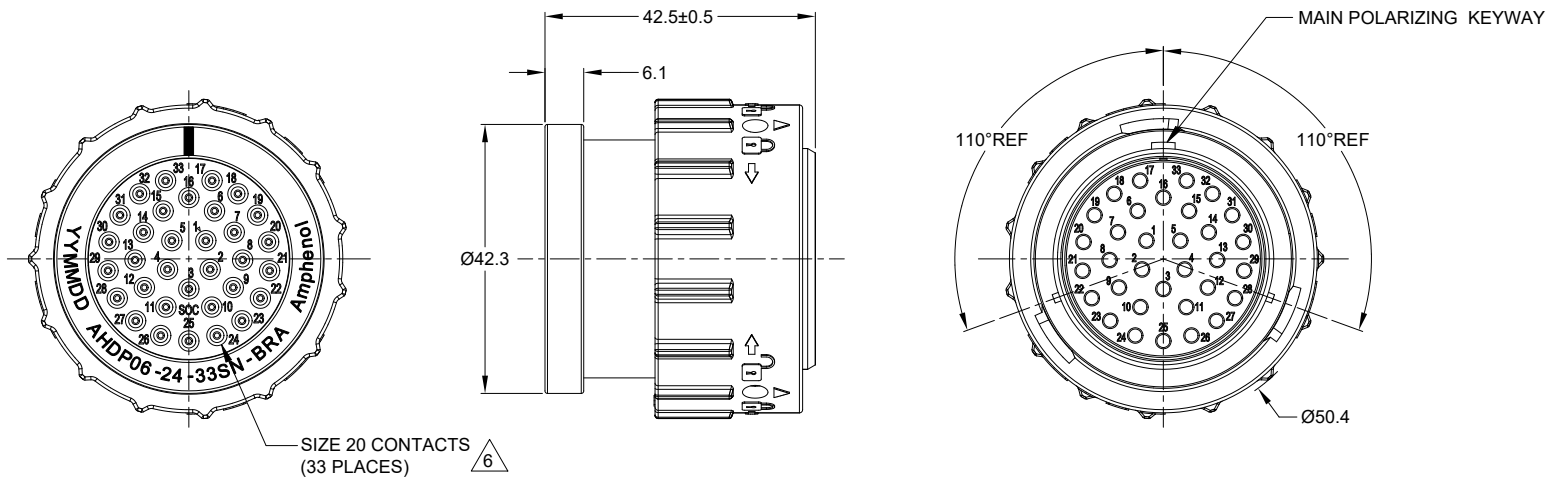


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	--	RELEASE NEW DRAWING	17/JAN/24	LYNCH	TOMMY



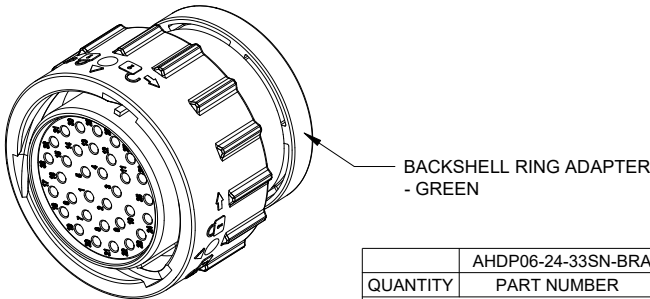
NOTES: UNLESS OTHERWISE SPECIFIED

- MATERIAL:
HOUSING: THERMOPLASTIC; BLACK
SEAL: SILICONE RUBBER
- MODIFICATIONS: BACKSHELL RING ADAPTER (BRA);
NORMAL DIA. WIRE SEAL;
- 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:
IP68(IM OF WATER FOR A PERIOD OF 24 HOURS, MATED
CONDITION);
IP69K(MATED CONDITION)
3.5 MATING CYCLE DURABILITY: 100 CYCLES
3.6 RoHS COMPLIANT
- MATING PART: AHDP02-24-33P*-XXX & AHDP04-24-33P*-XXX
(* = SEAL TYPE, XXX = ALL MODIFICATIONS)

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
20	1.02 mm (.040 in)	2.41 mm (.095 in)	16-22 AWG (1.5-0.35mm ²)	7.5 AMPS



AHDP06-24-33SN-BRA		REF:HDP26-24-33SN-L017			
QUANTITY	PART NUMBER	DESCRIPTION		ITEM	
MATERIALS LIST					
UNLESS OTHERWISE SPECIFIED		SIGNATURES	DATE	<div>Amphenol</div> <div>Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036</div> <div>33POS,PLUG,SOCKET,24SZ, NORMAL SEAL,BRA,DURAMATE AHDP</div>	
1) All dimensions are in metric(mm).		DRAWN:	LYNCHPAN		17/JAN/24
2) Tolerances are as follows:		CHECKED:	SULLENZHANG		18/JAN/24
1 PL DEC ±0.30		ENGINEER:			
2 PL DEC ±0.15		APPROVAL:	TOMMYXIE		18/JAN/24
3 PL DEC ±0.08		CUSTOMER:			
3) Note reference =		<div><div>X</div></div>			
MATERIAL SPECIFICATIONS:					
WEIGHT: 74.43g					
PROCESS SPECIFICATIONS:		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.			
NEXT ASSY:		SIZE	TYPE	DWG NO.	
		B	C-	AHDP06-24-33SN-BRA	
		SCALE	NONE	DURAMATE	
		SHEET 1 OF 1		REVISION A1	

TITLE: 33POS, PLUG, SOCKET, 24SZ, NORMAL SEAL, BRA, DURAMATE AHDP
DWG NO.: AHDP06-24-33SN-BRA
REV: A1
SH: 1
OF: 1