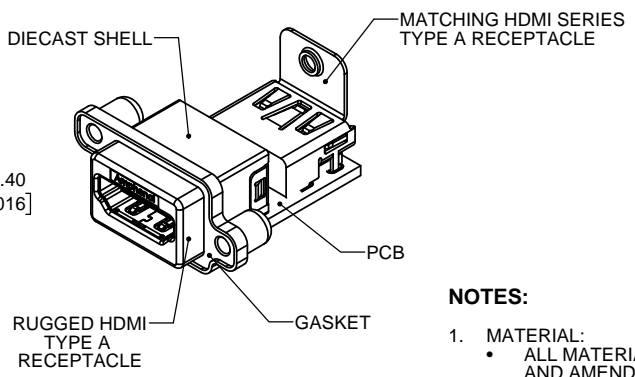
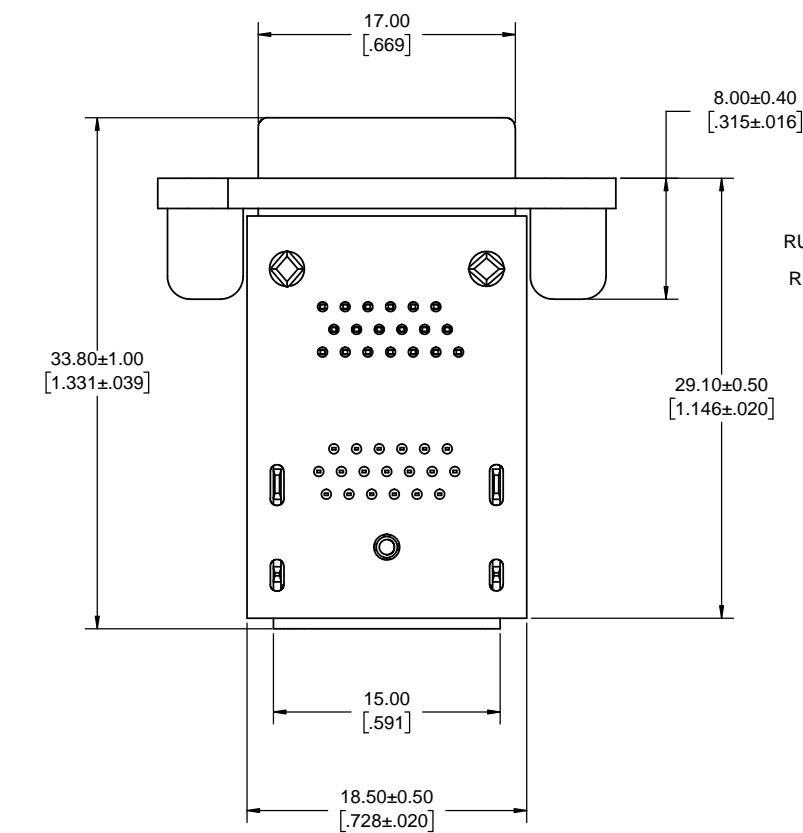


ORDERING CODE: **MHDR - A311 - 301**



SERIES, RUGGED HDMI
HDMI TYPE 'A' RECEPTACLE, RIGHT ANGLE, ON PCB WITH MATCHING HDMI TYPE A RECEPTACLE
SHELL THREAD OPTION
3 = #4-40 THREAD
DUST COVER OPTION
0 = NO DUST COVERS SUPPLIED
UNIQUE SPECIAL CODE
1 = MATCHING HDMI WITH M3 THREADED SHIELD TAB

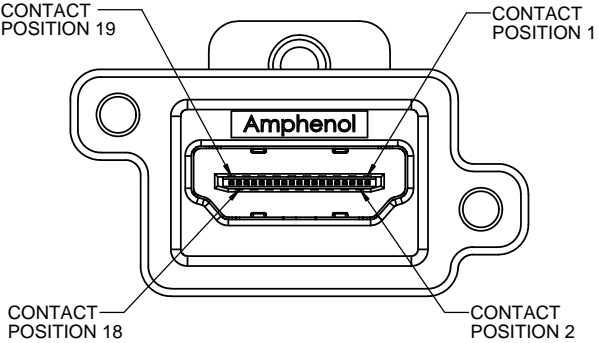
NOTES:

- MATERIAL:**
 - ALL MATERIALS ARE RoHS COMPLIANT PER EU DIRECTIVE 2011/65/EU AND AMENDMENTS
 - OUTER SHELL - DIECAST ZINC ALLOY, MATTE TIN OVER NICKEL PLATED
 - CONTACTS - COPPER ALLOY, PLATED WITH 0.76µm (30µ") GOLD OVER 1.27µm (50µ") MINIMUM NICKEL ON THE MATING AREA WITH MATTE TIN OVER NICKEL ON THE TAILS.
 - HDMI HOUSING - ENGINEERING THERMOPLASTIC, HIGH TEMPERATURE RESISTANT, FLAMMABILITY RATING UL94V-0, BLACK
 - HDMI SHIELD & BACK COVER - STAINLESS STEEL, PASSIVATED
 - GASKET - CONDUCTIVE SILICONE RUBBER, BLACK
 - PCB - FR-4 FIBREGLASS, LEAD FREE, UL94V-0 FLAMMABILITY RATING.
 - HDMI CONNECTOR - BLACK THERMOPLASTIC HOUSING, COPPER ALLOY CONTACTS WITH GOLD OVER NICKEL ON MATING AREA AND COPPER ALLOY SHELL WITH TIN OVER NICKEL PLATING.
- ENVIRONMENTAL PERFORMANCE PER IEC 60529 CODE IP67 FOR SEAL BETWEEN MATING AREA AND PCB SIDE OF CONNECTOR. GASKET PROVIDES SEAL TO INSIDE FACE OF ENCLOSURE PANEL.
- CURRENT & VOLTAGE RATING: 0.5 AMPERES, 40 VAC RMS.
- CONTACT RESISTANCE: 80 MILLIOHMS MAXIMUM, (SUBJECT TO VERIFICATION).
- OPERATING TEMPERATURE: -55°C TO +105°C.

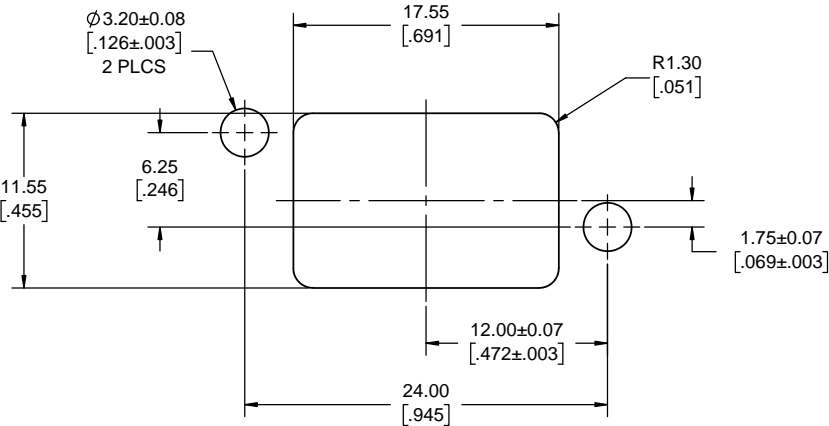
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UNLESS SPECIFIED OTHERWISE		DRAWN	I.GREWAL	SEP22/16	<div>Amphenol Canada Corp.</div> <div>www.amphenolcanada.com</div> <div>MHDR SERIES, RUGGED HDMI TYPE A RECEPTACLE, RIGHT ANGLE, 4-40 THREAD, ON PCB WITH HDMI M3 SHIELD TAB CONNECTOR, RoHS COMPLIANT</div>			
PRIMARY UNITS MILLIMETERS		CHECKED						
SECONDARY INCHES		M.E. APP'D						
REFERENCE IN PARENTHESES		Q.A. APP'D						
GENERAL TOLERANCES		DWG APPR.	K. LAMBIE	SEP22/16	<div>DWG. NO.</div> <div>P-MHDR-A311-301</div> <div>REV A</div>			
1 DECIMAL PLACE		ENG. REL. NO.		EAR 14491				
2 DECIMAL PLACES ±0.15		REF.						
3 DECIMAL PLACES		THIRD ANGLE PROJECTION						
ANGULAR DEGREES					<div>CODE ID NO. 03554</div> <div>DWG SIZE: X</div> <div>SCALE: 4:1</div> <div>SHEET 1 OF 2</div>			

REVISIONS			
REV	DESCRIPTION, ECN, EAR NO.	DATE	APP'D
A	PROPOSAL DRAWING (EAR 14491)	SEP22/16	K.L.



MHDR CONTACT ASSIGNMENT

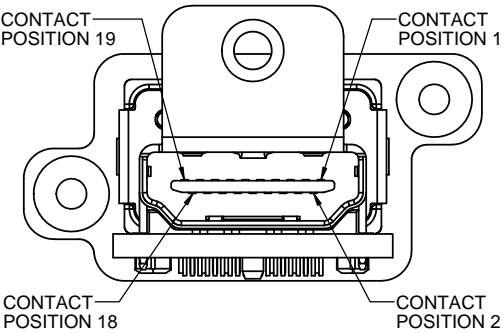


RECOMMENDED PANEL CUTOUT
OUTSIDE VIEW OF PANEL

MHDR TO HDMI
CONNECTION CHART

RUGGED HDMI CONNECTOR POSITION #	STANDARD HDMI CONNECTOR POSITION #
SHELL/GROUND	SHELL/GROUND
1	1
2	2
3	3
4	4
...	...
19	19

ALL CONNECTIONS 1 TO 1
UP TO 19 TO 19



HDMI CONTACT ASSIGNMENT



UNLESS SPECIFIED OTHERWISE	DRAWN	I.GREWAL	SEP22/16
PRIMARY UNITS MILLIMETERS	CHECKED		
SECONDARY INCHES	M.E. APP'D		
REFERENCE IN PARENTHESES	Q.A. APP'D		
GENERAL TOLERANCES	DWG APPR.	K. LAMBIE	SEP22/16
1 DECIMAL PLACE	ENG. REL. NO.	EAR 14491	
2 DECIMAL PLACES ± 0.15	REF.		
3 DECIMAL PLACES	THIRD ANGLE PROJECTION		
ANGULAR DEGREES	DO NOT SCALE DRAWING		

Amphenol Canada Corp. www.amphenolcanada.com			
MHDR SERIES, RUGGED HDMI TYPE A RECEPTACLE, RIGHT ANGLE, 4-40 THREAD, ON PCB WITH HDMI M3 SHIELD TAB CONNECTOR, RoHS COMPLIANT			
P-MHDR-A311-301			REV A
CODE ID NO. 03554	DWG SIZE: X	SCALE: 4:1	SHEET 2 OF 2