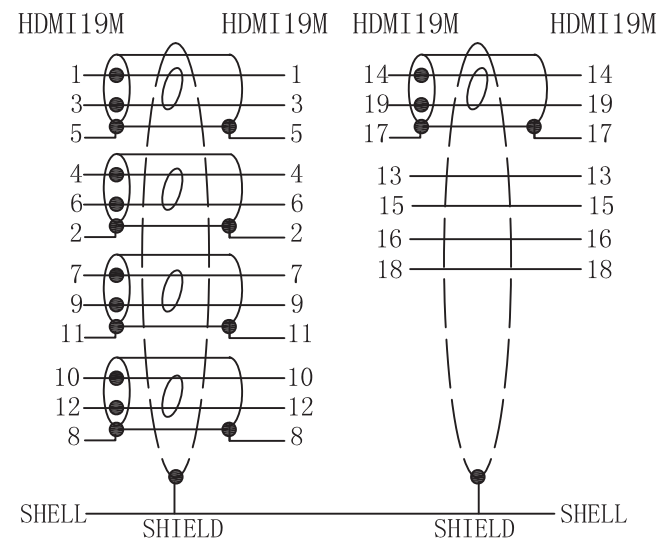
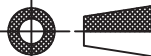


### Pin Out



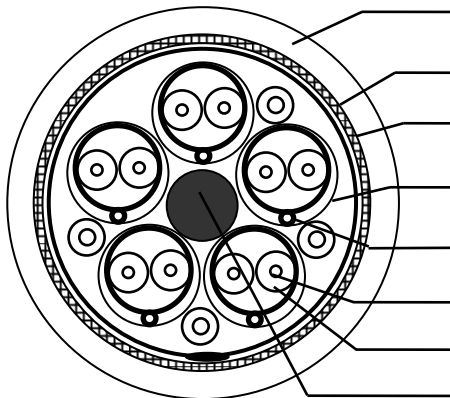

### ComDat ELECTRONIC GmbH

	SCALE:	UNIT:	VERSION:	DRAWING: WangLei
	NO.	MM.	A/0	
CUSTOMER: SZ952	NAME: HDMI 19M/M			CHECKED BY ENGINEER:
DRAWING NO: SZ9521504001	DATE: 2015/04/11			APPROVED BY MANAGER:
				APPROVED BY SALES:

NO	Material	Product specification	Unit	QTY	Remarks
①	Cable	UL20276 (1P*30#+AL+D+M)*5C+4C*30#+AL+D+B OD7.3 Black 128 B 1.4V Printing: High Speed HDMI™ Cable with Ethernet E119932-T 兄 AWM STYLE 20276 80°C 30V VW-1 COPARTNER RoHS	M	5.0	
②	Connector	HDMI 19P M Gild RoHS	PCS	2	
③	Tin line	Lead-free Green Wire ODO.8 1000g RoHS	G	0.56	
④	Tube (1)	Black Shrink-Heat Tube OD:1.0MM RoHS	M	0.088	8*11MM
⑤	Tube (2)	Black Shrink-Heat Tube OD:2.5MM RoHS	M	0.048	8*6MM
⑥	Inner mold	LD-PE RoHS	KG	0.003	
⑦	Mask Tape	1.8CM RoHS	M	0.11	2*55MM
⑧	Copper foil	2.2CM Copper Foil RoHS	M	0.11	2*55MM
⑨	Outer mold	Black PVC A813 60P RoHS	KG	0.016	
⑩	Enclosure	HQ--HM022 Enclosure RoHS	PCS	2	
⑪	Dust cover	LD-PE RoHS	PCS	2	
⑫	Tie	Black Tie Wire RoHS	M	0.20	2*100mm
⑬	PE Bag	05*9*12fc(0.005*22.86*30.48CM) RoHS	PCS	1	
⑭	Waterproof Bag	05*30*30fc RoHS	PCS	1/40	
⑮	Outer Carton	K=K 46 * 30 * 30CM RoHS	PCS	1/40	

Mold detail:HDMI19M:A-1693 B-1694

Test parameters:insulation resistance:10mΩ conduction impedance:5Ω  
high-pressure test:300v

SPECIFICATION:		(1P*28#+ADM)*5C+4C*28#+AL+D+B /UL20276		CONSTRUCTION	D.W.G		
<b>ITEM</b>		<b>SPECIFICATION</b>					
CONDUCTOR	AWG	28AWG	28AWG			<b>COLOUR CODE:</b> 5P*28AWG: 1.WHITE*BLACK 2.WHITE*BROWN 3.WHITE*RED 4.WHITE*GREEN 5.WHITE*BLUE 4C*28AWG: 1.RED 2.ORANGE 3.YELLOW 4..WHITE	
	MATERIAL	TINNED COPPER	TINNED COPPER				
	COND.SIZE	7/0.127± 0.008 mm	7/0.127± 0.008 mm				
INSULATION	MIN.AVG.THICK	0.25 mm	0.12 mm				
	MATERIAL	FM-PE+SKIN	HD-PE				
	O . D	1.00±0.05 mm	0.70 ± 0.05 mm				
DRAIN	N O.	1P*5C	4C				
	AWG	28AWG	/				
	MATERIAL	TINNED COPPER	/				
FACE OUTSIDE AL.Mylar	SIZE	7/0.127± 0.008 mm	/				
	COVERAGE	100%	/				
	OVERLAP	25% MIN	/				
MYLAR	COVERAGE	100%	/				
	OVERLAP	25% MIN	/				
MYLAR	COVERAGE	/	/				
	OVERLAP	/	/				
Face outside AL.Mylar	COVERAGE	100%	100%				
	OVERLAP	25% MIN	25% MIN				
DRAIN	MATERIAL	TINNED COPPER	TINNED COPPER				
	SIZE	7/0.127± 0.008 mm*1PC	7/0.127± 0.008 mm*1PC				
BRAID	MATERIAL	<b>A-M ALLOY</b>	<b>A-M ALLOY</b>				
	SIZE	16*8/0.12± 0.008 mm	16*8/0.12± 0.008 mm				
	COVERAGE						
JACKET	MIN.AVG.THICK	0.51 mm	0.51 mm				
	MATERIAL	MATT PVC	MATT PVC				
	COLOUR	UL813 BLACK	UL813 BLACK				
	O . D	7.30 ± 0.15 mm	7.30 ± 0.15 mm				
<b>ELECTRICAL CHARACTERISTICS</b>		<b>PHYSICAL PROPERTIES OF JACKET</b>		<b>MARKING</b>			
1. Rating : TEMP 80°C ; VOLTAGE 30V 2. Conductor Resistance: at 20°C MAX 28AWG: 237.25Ω/km; 3. Insulation Resistance: 10MΩ·km min at 20°C dc 500V.(EIA-364-21) 4. Dielectric Strength: AC 500V/1minute no breakdown. (EIA-364-20) 5. Impedance: Pairs(differential mode) 100±10Ω 6. Propagation Delay Skew: Intra pair Max 111ps/cable Inter pair Max 1.78ns/cable 7. Attenuation(max): at 0.30~825MHz 5dB/3.5M; at 825~2475MHz 12dB/3.5M; at 2475~4125MHz 20dB/3.5M; at 4125~5100MHz 25dB/3.5M; 8. FEXT: 20dB/cable @ 1~5000MHz (max) 9. HEAC: (1.white*black) Impedance: Pairs(differential mode) 100±10Ω Pairs (Common Mode) 30±6Ω (2.) Attenuation(max): at 0.30~10MHz 1.6dB/3.5M; at 10~100MHz 5dB/3.5M; at 100~200MHz 7.1dB/3.5M; (3.) Propagation Delay Skew: Intra pair Max 111ps/cable		1. Tensile Strength: Unaged: 1500PSI min Aged: 70% min 2. Elongation: Unaged: 100% min Aged: 65% 3. Heat shock test: NO CRACKING 4. Cold bend test: NO CRACKING 5. Deformation test: MAX 50% 6. Flame test: PASSED UL VW-1		<b>MARKING</b> High Speed HDMI™ Cable with Ethernet E119932-T AWM STYLE 20276 80°C 30V VW-1 COPARTNER			
				<b>REMARK</b>			
				 <b>COPARTNER WIRE &amp; CABLE (SHENZHEN) MFG CO., LTD.</b>			
				<b>PART NO.</b>	<b>96195428</b>		
				<b>APPROVED</b>	<b>CUSTOMER</b>		
				<b>CHECKED</b>	<b>REV</b> A		
				<b>DRAWING</b>	<b>DATE</b>		