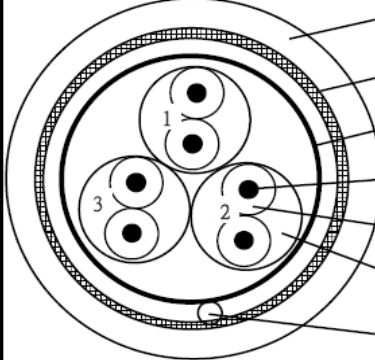



# MVA Type #: 3

SPECIFICATION:		3P*28AWG +AL.MYLAR +DRAIN +BRAID		CONSTRUCTION D.W.G													
<b>ITEM</b>		<b>SPECIFICATION</b>		 <p>JACKET BRAID AL.MYLAR CONDUCTOR INSULATION PAIR TWISTED DRAIN</p> <p><b>COLOUR CODE:</b> 1. white*brown 2. green *yellow 3.gray*pink</p> <p><b>MINIMUM BEND RADIUS: 10X O.D.</b></p> <div style="text-align: center;">  <p><b>COMPONENTS EXPRESS, INC.</b> 10330 Argonne Woods Drive, Ste100 Woodridge, IL 60517</p> </div> <p><b>94490628002 (E0943), 7/1/20</b></p> <table border="1"> <tr> <td><b>APPROVED</b></td> <td></td> <td><b>CUSTOMER</b></td> <td></td> </tr> <tr> <td><b>CHECKED</b></td> <td></td> <td><b>REV</b></td> <td>A</td> </tr> <tr> <td><b>DRAWING</b></td> <td>CWJ</td> <td><b>DATE</b></td> <td>2016/09/23</td> </tr> </table>		<b>APPROVED</b>		<b>CUSTOMER</b>		<b>CHECKED</b>		<b>REV</b>	A	<b>DRAWING</b>	CWJ	<b>DATE</b>	2016/09/23
<b>APPROVED</b>		<b>CUSTOMER</b>															
<b>CHECKED</b>		<b>REV</b>	A														
<b>DRAWING</b>	CWJ	<b>DATE</b>	2016/09/23														
CONDUCTOR	AWG	28AWG															
	MATERIAL	TINNED COPPER															
	COND.SIZE	7/0.127± 0.008 mm															
INSULATION	MIN.AVG.THICK	0.20 mm															
	MATERIAL	HD-PE															
	O . D	0.90 ± 0.05 mm															
Face Outside AL.MYLAR	N O.	3P															
	COVERAGE	100%															
	OVERLAP	25% MIN															
DRAIN	AWG	28AWG															
	MATERIAL	TINNED COPPER															
	SIZE.	7/0.127± 0.008 mm×1PC															
BRAID COPPER	MATERIAL	TINNED COPPER															
	SIZE	16*8/0.12± 0.008 mm 90% MIN															
JACKET	MIN.AVG.THICK	0.51 mm															
	MATERIAL	HALF MATT CL2 PVC															
	COLOUR	BLACK															
	O . D	5.60 ± 0.20 mm															
<b>ELECTRICAL CHARACTERISTICS</b>		<b>PHYSICAL PROPERTIES OF JACKET</b>															
1. Rating : TEMP 60°C ; VOLTAGE 30V		1.Tensile Strength: Unaged: 1500PSI min Aged: 70% min															
2. Conductor Resistance: at 20°C MAX 28AWG: 237.25Ω/km;		2. Elongation: Unaged: 100% min Aged: 65%															
3. Insulation Resistance: Min 100 mega ohms-km at 20°C		3. Heat shock test: NO CRACKING															
4. Dielectric Strength: AC 500V/1minute no breakdown. (EIA-364-20)		4. Cold bend test: NO CRACKING															
		5. Deformation test: MAX 50%															
		6. Flame test: PASS VW-1															