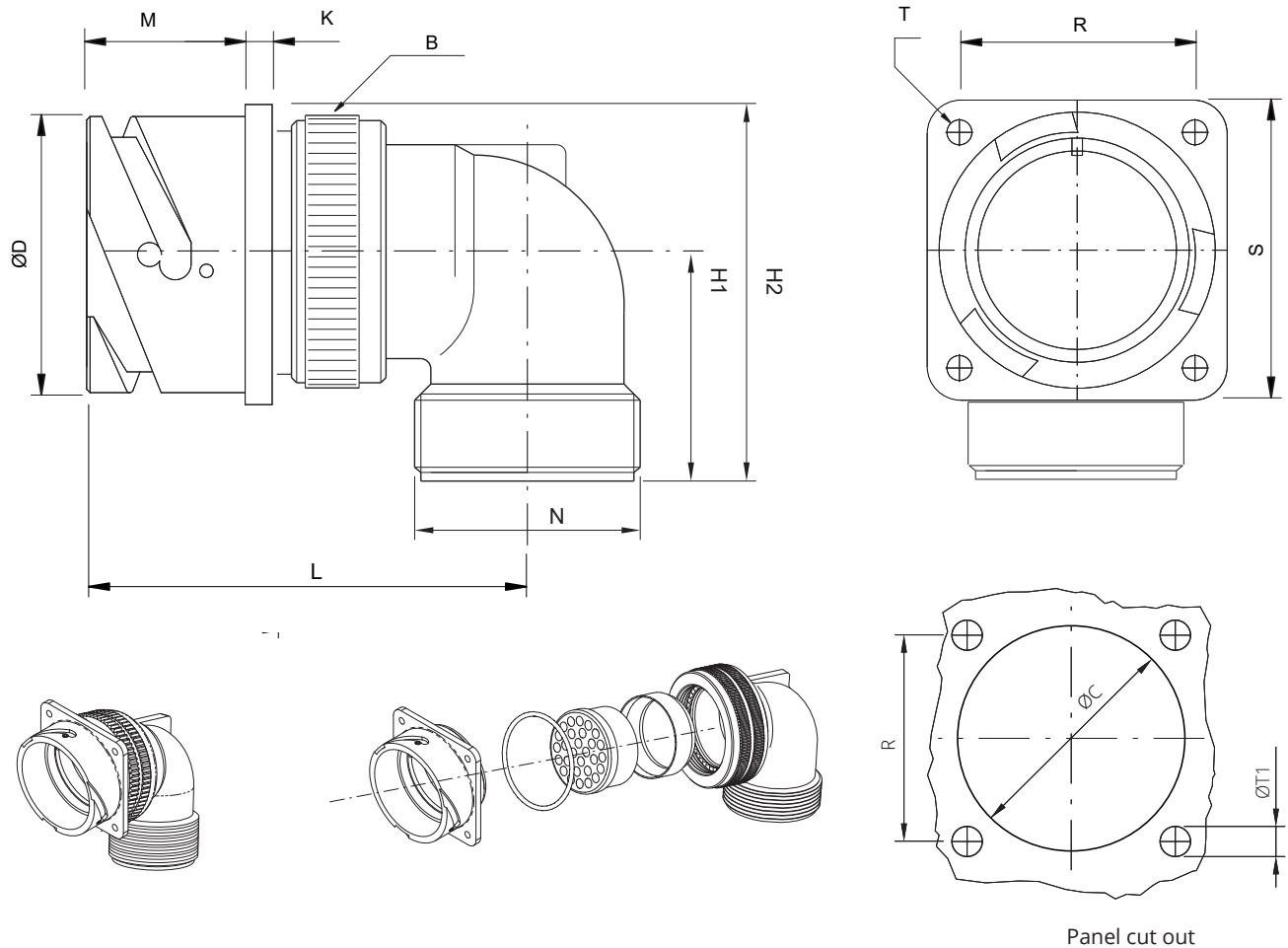


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SERIES CVBS

PART NUMBER CVBS 038RAV 32-22P CR F7



Shell size	ØD	ØB ±0.2	M ±0.2	K ±0.2	L	H1 max	H2 max	N Backshell Thread in inches	R ±0.1	S ±0.3	ØT ±0.2	ØT1 Threaded holes	ØC ±0.2	Panel Thickness Max
10SL	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14S	24.6	24	18.6	3.2	50	27	42.1	3/4"-20 UNEF	23	30.2	M4	4.5	25.5	7.2
16S	27.4	27	18.6	3.2	51.5	29	45.3	7/8"-20 UNEF	24.6	32.5	M4	4.5	28.3	7.2
16	27.4	27	23.05	3.2	60	29	45.3	7/8"-20 UNEF	24.6	32.5	M4	4.5	28.3	5.35
18	30.8	29.4	23.4	4	61	31	48.5	1"-20 UNEF	27	34.9	M4	4.5	31.7	7.25
20	34.2	32	23.4	4	63.5	33	52.1	1" 3/16-18 UNEF	29.4	38.1	M4	4.5	35	7.3
22	37.4	37	23.4	4	65.5	35	55.5	1" 3/16-18 UNEF	31.8	41	M4	4.5	38.3	7.3
24	40.9	40	23.4	4	68.5	38	60.3	1" 7/16-18 UNEF	34.9	44.5	M4	4.5	41.8	6.85
28	46.7	45	24.4	4	69	40	65.4	1" 7/16-18 UNEF	39.7	50.8	M5	5.5	47.6	7.8
32	53.4	52	24.4	4	72.5	46	74.5	1" 3/4-18 UNS	44.5	57	M5	5.5	54.3	7.5
36	59.6	58	24.4	4	76	49	80.8	2"-18 UNS	49.2	63.5	M5	5.5	60.5	7.5
40	65.5	63.2	24.4	4	80	53	87.9	2"1/4-16 UN	55.6	69.8	M5	5.5	66.4	7.5

Dimensions in mm

Dimension "L" can be different from the value indicated according to backshells accessories, wires size and some special insert configurations.

"ØF" Cable maximum and minimum dimension.

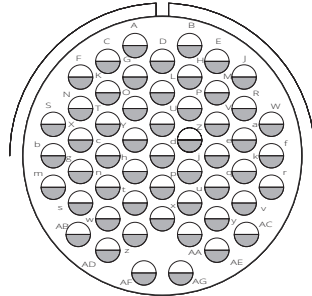
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SERIES CVBS

PART NUMBER CVBS 038RAV 32-22P CR F7

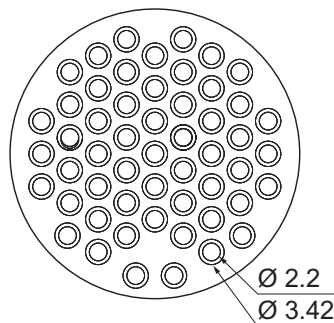
Inserts



Arrangement	32-22
Gender	Pin
No. of contacts	54
Contacts size	N° 54 x #16 (22A Max)
Service Rating	A (700Vdc - 500Vac)
Rotation	N (0°)

Contacts P/N	Qty	Size	Termination	mm ² section	AWG section	Stripping length mm	Manual crimp tool	Crimp Die / Locator	Insertion tool	Removal tool	Guide pin
ST485 16P	54	16	crimp	1÷1.5	18÷16	6.5	CRT-784/1	LOC-784	CTIN-784-16	CTES-784-16	GP-784-16

Grommet *



* Consult our sales office for wire specification

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SERIES CVBS

PART NUMBER CVBS 038RAV 32-22P CR F7

Code details

Insert material	_	Chloroprene rubber
Series	CVBS	Bayonet connector with protected mating ramps
Shell material	_	Aluminum alloy
Shell Type	038	Rear mounting receptacle connector with thread to accept backshells, with 90° elbow
Connector Class	RA	Standard backshell having an external thread suitable for MS3057...A or C type cable clamps, with waterproof O-ring, grommet and cone
Accessories	V	Inserts and contacts sealed (solder only)
Accessories	_	-
Accessories	_	-
Insert	32-22	Arrangement 32-22
Gender Contacts	P	Pin
Polarization	_	N (0°)
Backshell Details:	_	-
Contacts termination	CR	Crimp
Contacts plating	_	Silver 3.5µ min
Shell Finish	F7	Black epoxy-polyurethane varnish (non conductive), RoHS compliant
Panel Gasket	_	-
Contact modification code	_	-
Customization	_	-

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SERIES CVBS

PART NUMBER CVBS 038RAV 32-22P CR F7

Shell type:

Bayonet connector with protected mating ramps

Rear mounting receptacle connector with thread to accept backshells, with 90° elbow

Reference Documents:

- Mil-DTL-5015 (where applicable)
- VG 95234 (where applicable)
- EN 60529
- Direttiva Europea 2011/65/UE (RoHS)

General features:

Arrangement: 32-22; Pin; the insert is supplied with rotation: N (0°)

Contact: n.54 size 16; Crimp

Operating temperatures: -55°C ÷ +125°C

Protection degree (mated connectors; according to EN 60529): IP67 or IP68 (10meters 12hours, according to the application, connector series and shell type)

Insulating rubber parts: Chloroprene rubber

Connector supplied with:

- Standard backshell having an external thread suitable for MS3057...A or C type cable clamps, with waterproof O-ring, grommet and cone
- Inserts and contacts sealed (solder only)

Electrical specifications:

Nominal Voltage: 700 Vdc / 500 Vac (service A)

Test Voltage: 2000 Vac

Current Rating, single contact:

- maximum current: 22A (#16) with ambient temperature 20°C
- rated current: 13A (#16) with ambient temperature 80°C

COMPONENTS	MATERIALS	PLATING / FINISHES	ACCESSORIES (included)		
			P/N	Description	Quantity
Shells	Aluminum alloy	Black epoxy-polyurethane varnish (non conductive), RoHS compliant			
Insulating	Chloroprene rubber	-	-	-	-
Contacts	Copper alloy	Silver 3.5µ min	-	-	-
Panel Gasket	-	-	-	-	-
Others part	-	-			

PACKAGING

Quantity	Type	Weight
1	Plastic Bags	-
-	Carton Box	-


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