

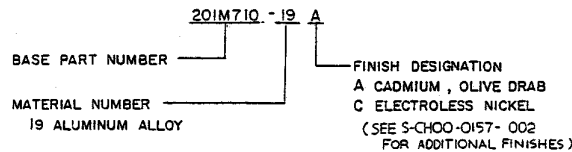
REVISIONS			
LTN	DESCRIPTION	DATE	APPROVED
D	REDRAWN & REVISED PER ECN AR22	3-17-81	WJ
E	ECC AP-168	7-17-81	A. Bull
F	ECC AP-174	10-9-81	A. Bull

BASE PART NUMBER	SHELL SIZE ②	A R. H. THREAD CLASS 2B	B DIA MAX	C +0.015 -0.000 (+0.40) (-0.00)	D DIA MIN	E ±.005 (±0.14)	F MAX	G MAX	H ±.005 (±0.14)	K ±.005 (±0.14)	J MIN	L ±.005 (±0.14)
20IM700	8S	.438-28 UNEF	.577 (14.66)	.365 (9.27)	.479 (12.16)	.300 (7.62)	.830 (21.08)	.391 (9.94)	.447 (11.35)	.284 (7.21)	.430 (10.92)	.250 (6.35)
20IM710	10S	.500-28 UNEF	.640 (16.26)	.365 (9.27)	.539 (13.69)	.300 (7.62)	.830 (21.08)	.451 (11.46)	.510 (12.95)	.344 (8.74)	.430 (10.92)	.303 (7.70)
20IM720	10SL	.562-24 UNEF	.702 (17.84)	.365 (9.27)	.608 (15.44)	.300 (7.62)	.830 (21.08)	.520 (13.21)	.572 (14.53)	.413 (10.49)	.430 (10.92)	.383 (9.73)
20IM730	12S	.625-24 UNEF	.765 (19.44)	.365 (9.27)	.659 (16.73)	.300 (7.62)	.830 (21.08)	.571 (14.51)	.635 (16.13)	.464 (11.79)	.430 (10.92)	.408 (10.36)
20IM730	12	.625-24 UNEF	.765 (19.44)	.365 (9.27)	.659 (16.73)	.300 (7.62)	.830 (21.08)	.571 (14.51)	.635 (16.13)	.464 (11.79)	.430 (10.92)	.408 (10.36)
20IM740	14S	.750-20 UNEF	.890 (22.61)	.365 (9.27)	.782 (19.86)	.300 (7.62)	.830 (21.08)	.694 (17.63)	.760 (19.30)	.567 (14.40)	.430 (10.92)	.490 (12.45)
20IM740	14	.750-20 UNEF	.890 (22.61)	.365 (9.27)	.782 (19.86)	.300 (7.62)	.830 (21.08)	.694 (17.63)	.760 (19.30)	.567 (14.40)	.430 (10.92)	.490 (12.45)
20IM750	16S	.875-20 UNEF	1.015 (25.79)	.365 (9.27)	.908 (23.06)	.300 (7.62)	.830 (21.08)	.820 (20.83)	.885 (22.48)	.693 (17.60)	.430 (10.92)	.609 (15.47)
20IM760	16	.875-20 UNEF	1.015 (25.79)	.521 (13.23)	.908 (23.06)	.300 (7.62)	.996 (25.30)	.820 (20.83)	.885 (22.48)	.693 (17.60)	.596 (15.13)	.609 (15.47)
20IM770	18	1.000-20 UNEF	1.140 (28.96)	.521 (13.23)	1.025 (26.03)	.300 (7.62)	.996 (25.30)	.937 (23.80)	1.010 (25.65)	.810 (20.57)	.596 (15.13)	.730 (18.54)
20IM780	20	1.125-18 UNEF	1.265 (32.14)	.521 (13.23)	1.212 (30.78)	.309 (7.85)	.996 (25.30)	1.074 (27.28)	1.135 (28.83)	.947 (24.05)	.596 (15.13)	.870 (22.10)
20IM790	22	1.250-18 UNEF	1.390 (35.31)	.521 (13.23)	1.343 (34.11)	.309 (7.85)	.996 (25.30)	1.205 (30.61)	1.260 (32.00)	1.078 (27.38)	.596 (15.13)	.978 (24.84)
20IM800	24	1.375-18 UNEF	1.515 (38.49)	.521 (13.23)	1.450 (36.83)	.246 (6.25)	.996 (25.30)	1.312 (33.33)	1.385 (35.18)	1.185 (30.10)	.596 (15.13)	1.090 (27.69)
20IM810	28	1.625-18 UNEF	1.765 (44.84)	.521 (13.23)	1.671 (42.44)	.246 (6.25)	1.076 (27.33)	1.533 (38.94)	1.635 (41.53)	1.406 (35.71)	.596 (15.13)	1.250 (31.75)
20IM820	32	1.875-16 UN	2.015 (51.19)	.521 (13.23)	1.956 (49.68)	.185 (4.70)	1.076 (27.33)	1.784 (45.32)	1.885 (47.88)	1.657 (42.09)	.596 (15.13)	1.520 (38.61)
20IM830	36	2.125-16 UN	2.265 (57.54)	.521 (13.23)	2.164 (54.96)	.185 (4.70)	1.076 (27.33)	1.992 (50.60)	2.135 (54.23)	1.865 (47.37)	.596 (15.13)	1.756 (44.60)
20IM840	40	2.375-16 UN	2.515 (63.89)	.552 (14.02)	2.500 (63.50)	.570 (14.48)	1.222 (31.04)	2.328 (59.13)	2.392 (60.76)	2.203 (55.96)	.627 (15.92)	1.880 (47.75)

NOTES :

- ALL DIMENSIONS ARE IN INCHES (MILLIMETERS).
- SHELL SIZE PER MIL-C-83723/27 CONNECTOR.
- THIS SCD MEETS MIL-C-83723/27.
- FOR ADDITIONAL DIMENSIONS, ORDERING INFORMATION AND MODIFICATIONS, SEE CHOO-0250-004 FOR AN SCD AND CHOO-0250-010 FOR AN MSCD.
- ADAPTER TO BE MARKED WITH RAYCHEM ADAPTER PN AND CODE IDENT. NO (EG. 20IM810-19B 06090). ALL MARKINGS IN ACCORDANCE WITH MIL-STD-130.
- ALL INTERNAL EDGES SHALL BE ROUNDED.
- KNURL MAY OR MAY NOT SUPPLIED AT MANUFACTURER'S OPTION FOR NON MIL-C-83723/27 PARTS.

ORDERING INFORMATION ④



SPECIFICATION CONTROL DRAWING

DRWN	G. P. G.	1.8.81	Raychem
CHECKED	M. THALALA	5-18-81	Raychem
APPROVED	[Signature]	5-20-81	TITLE
APPROVED	[Signature]	5-20-81	ADAPTER, SOLID CODE 19
APPROVED	[Signature]	5-20-81	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND TOLERANCES ARE: FRACTIONS: .001" ± .001" DECIMALS: .001" ± .001" ANGULAR: ± 0°30'		SIZE	D 06090
		CODE IDENT.	20IM700 THRU 840
		DWG. NO.	DO NOT SCALE THIS DRAWING
			SHEET 1 OF 1

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