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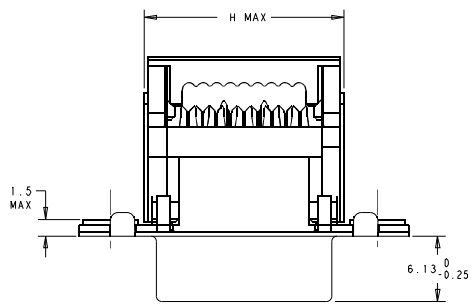
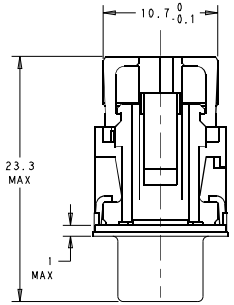
LOC	DIST
GP	00

REVISIONS

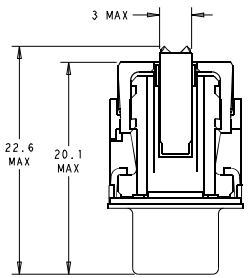
P	LTR	DESCRIPTION	DATE	DWN	APVD
	F	REDRAWN PER ECO-12-008266	28AUG2012	CJV	CWR

COVER IN PRE-CLAMPED POSITION

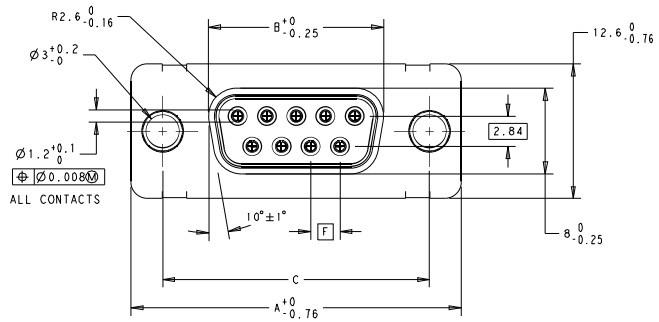


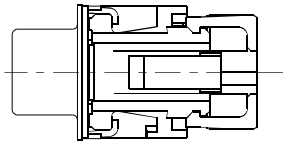


COVER IN CLAMPED POSITION WITH OPTIONAL STRAIN RELIEF ATTACHED



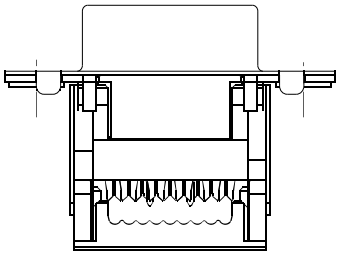
1. CABLES TO BE USED:
   ALL COMMERCIALLY AVAILABLE RIBBON CABLE WITH PVC INSULATION AND TIN OR SILVER PLATED COPPER WIRES. SEE WIRE INFORMATION IN TABLE BELOW.
2. 9 POSITION VERSION SHOWN.
3. (3) USE ONLY WITH STRAIN RELIEF CLAMP.
4. (4) OPTIONAL STRAIN RELIEF CLAMPS:
   9 POSITION = 4-1393560-3 (V42254-A4000-D9)
   15 POSITION = 4-1393560-5 (V42254-A4000-D15)
   25 POSITION = 4-1393560-6 (V42254-A4000-D25)
   37 POSITION = 4-1393560-7 (V42254-A4000-D37)
5. CONTACTS ARE STAMPED AND FORMED.
6. (6) PACKAGED IN BLISTER PACKS.
7. (7) PACKAGED ON REELS.
8. PLATING DETAILS: ALL MEET PERFORMANCE LEVEL 2 PER DIN 41652 P.2 AND P.4.
   UNDERPLATE: NICKEL OVER ENTIRE CONTACT
   CONTACT MATING SURFACE ALTERNATE 1: GOLD
   CONTACT MATING SURFACE ALTERNATE 2: GOLD FLASH OVER PALLADIUM-NICKEL
   IDC WIRE TERMINATION END: MATTE TIN
   SHELL PLATING: BRIGHT TIN OVER NICKEL
9. (9) FLANGES WITH M3 (BLACK) OR 4-40 (BLUE) SELF-LOCKING NUTS
   TORQUE RETENTION ≥ 70 N-cm

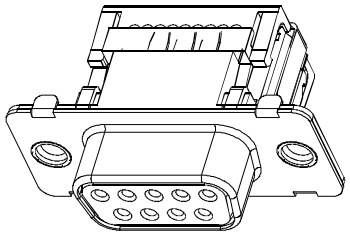




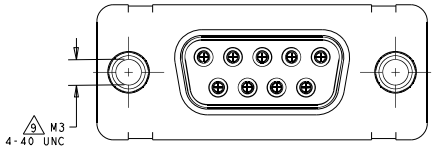
WIRE INFORMATION

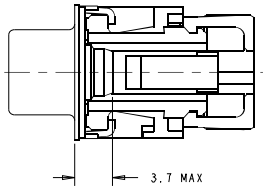
OVERALL CONDUCTOR CROSS-SECTIONAL AREA IN mm^2	AWG RANGE	OVERALL CONDUCTOR DIAMETER IN mm^2	NO. OF SINGLE STRANDED WIRES	CONDUCTOR	PVC INSULATING SLEEVE DIA
---	30	0.25 (3)	1	SOLID	1.0/1.1
---	28	0.32 (3)	1	SOLID	0.8/1.1
0.09 (3)	28	---	7	STRANDED	0.8/1.1
0.14	26	---	7	STRANDED	0.8/1.1





FLANGES WITH HOLES





SELF-LOCKING NUT VERSION

OBSOLETE	YES	Not Included		3.0 DIAMETER HOLE	39.52	24.79	33.30 +0.15/-0.1	2.74	27.26	15	V42254-A5237-B215	8-1393486-6
	YES	Included		3.0 DIAMETER HOLE	69.70	54.96	63.50 ±0.13	2.76	57.44	37	V42254-A5235-W231	5-1393486-8
	YES	Included		3.0 DIAMETER HOLE	53.42	38.50	47.04 ±0.13	2.76	40.78	25	V42254-A5235-W230	5-1393486-7
	YES	Included		3.0 DIAMETER HOLE	39.52	24.79	33.30 +0.15/-0.1	2.74	27.26	15	V42254-A5235-W229	5-1393486-6
	YES	Included		3.0 DIAMETER HOLE	31.19	16.46	25.00 +0.12/-0.13	2.74	18.73	9	V42254-A5235-W228	5-1393486-5
	NO	Not Included		3.0 DIAMETER HOLE	69.70	54.96	63.50 ±0.13	2.76	57.44	37	V42254-A5235-B237	3-1393486-7
	YES	Not Included		3.0 DIAMETER HOLE	53.42	38.50	47.04 ±0.13	2.76	40.78	25	V42254-A5235-B225	3-1393486-6
	YES	Not Included	(6)	3.0 DIAMETER HOLE	39.52	24.79	33.30 +0.15/-0.1	2.74	27.26	15	V42254-A5235-B215	3-1393486-5
	YES	Not Included		3.0 DIAMETER HOLE	31.19	16.46	25.00 +0.12/-0.13	2.74	18.73	9	V42254-A5235-B209	3-1393486-4
OBSOLETE	YES	Not Included		M3 SELF-LOCKING NUTS	31.19	16.46	25.00 +0.12/-0.13	2.74	18.73	9	V42254-A5234-B209	1393486-9
	YES	Not Included		4-40 SELF-LOCKING NUTS	69.70	54.96	63.50 ±0.13	2.76	57.44	37	V42254-A5232-B237	9-1393485-0
	YES	Not Included		4-40 SELF-LOCKING NUTS	53.42	38.50	47.04 ±0.13	2.76	40.78	25	V42254-A5232-B225	8-1393485-9
	YES	Not Included		4-40 SELF-LOCKING NUTS	39.52	24.79	33.30 +0.15/-0.1	2.74	27.26	15	V42254-A5232-B215	8-1393485-8
	YES	Not Included		4-40 SELF-LOCKING NUTS	31.19	16.46	25.00 +0.12/-0.13	2.74	18.73	9	V42254-A5232-B209	8-1393485-7
	NO	Not Included	(7)	3.0 DIAMETER HOLE	39.52	24.79	33.30 +0.15/-0.1	2.74	27.26	15	V42254-A4237-B215	8-1393485-3
	TE MARKING	STRAIN RELIEF	PKG	FLANGE OPTION	A	B	C	F	H	NO OF POSITIONS	SIEMENS PART NUMBER	TE CONNECTIVITY PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT. DIMENSIONING AND TOLERANCING PER ASME Y14.5M-2009

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±-
2 PLC ±-
3 PLC ±-
4 PLC ±-
ANGLES ±1°

MATERIAL - -
FINISH - -

DWN 06MAR2012
CHK
APVD
PRODUCT SPEC -
APPLICATION SPEC -
WEIGHT -

PRELIMINARY

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-8-1393485-7	-

CUSTOMER DRAWING SCALE 4:1 SHEET 1 OF 1 REV F

4865 (3/11)